Full wwPDB NMR Structure Validation Report (i)

Jun 5, 2023 – 01:44 PM JST

PDB ID	:	7C1M
BMRB ID	:	36353
Title	:	Complex structure of tyrosinated alpha-tubulin carboxy-terminal peptide and A1aY1 binder
Authors	:	Kesarwani, S.; Reddy, P.P.; Sirajuddin, M.; Das, R.
Deposited on	:	2020-05-05

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

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

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

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

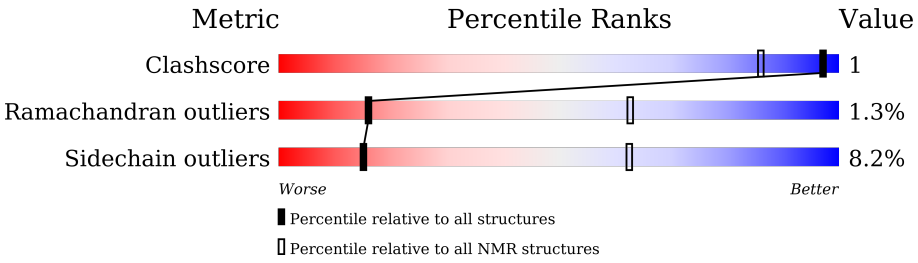
MolProbity	:	4.02b-467
Percentile statistics	:	20191225.v01 (using entries in the PDB archive December 25th 2019)
wwPDB-RCI	:	v_1n_11_5_13_A (Berjanski et al., 2005)
PANAV	:	Wang et al. (2010)
wwPDB-ShiftChecker	:	v1.2
BMRB Restraints Analysis	:	v1.2
Ideal geometry (proteins)	:	Engh & Huber (2001)
Ideal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

1 Overall quality at a glance (i)

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

The overall completeness of chemical shifts assignment is 52%.

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



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

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

Mol	Chain	Length	Quality of chain
1	A	67	94% . .
2	B	12	50% 8% 25% 17%

2 Ensemble composition and analysis

This entry contains 20 models. Model 6 is the overall representative, medoid model (most similar to other models). The authors have identified model 1 as representative, based on the following criterion: *lowest energy*.

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

Well-defined (core) protein residues			
Well-defined core	**Residue range (total)**	**Backbone RMSD (Å)**	**Medoid model**
1	A:2-A:67, B:6-B:12 (73)	0.42	6

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

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

NmrClust was unable to cluster the ensemble.

Error message: Inconsistent models

3 Entry composition (i)

There are 2 unique types of molecules in this entry. The entry contains 1206 atoms, of which 606 are hydrogens and 0 are deuteriums.

- Molecule 1 is a protein called Nanobody binder from SSO7d library.

Mol	Chain	Residues	Atoms						Trace
			Total	C	H	N	O	S	
1	A	67	1074	335	552	89	94	4	0

- Molecule 2 is a protein called Carboxy-terminal peptide from tyrosinated alpha-tubulin.

Mol	Chain	Residues	Atoms					Trace
			Total	C	H	N	O	
2	B	10	132	45	54	10	23	0

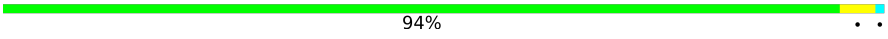
4 Residue-property plots (i)

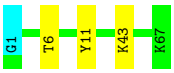
4.1 Average score per residue in the NMR ensemble

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

• Molecule 1: Nanobody binder from SSO7d library

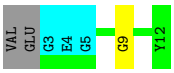
Chain A:





• Molecule 2: Carboxy-terminal peptide from tyrosinated alpha-tubulin

Chain B:



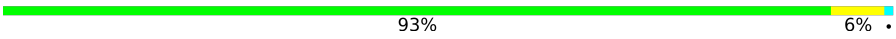
4.2 Scores per residue for each member of the ensemble

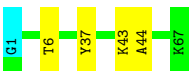
Colouring as in section 4.1 above.

4.2.1 Score per residue for model 1

• Molecule 1: Nanobody binder from SSO7d library

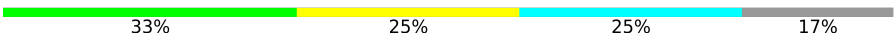
Chain A:

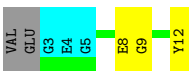




• Molecule 2: Carboxy-terminal peptide from tyrosinated alpha-tubulin

Chain B:





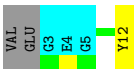
4.2.2 Score per residue for model 2

• Molecule 1: Nanobody binder from SSO7d library

Chain A:

• Molecule 2: Carboxy-terminal peptide from tyrosinated alpha-tubulin

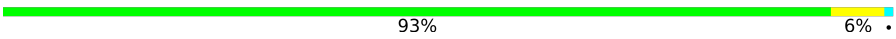
Chain B:



4.2.3 Score per residue for model 3

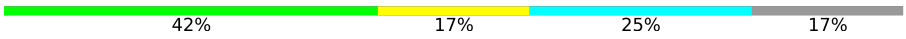
• Molecule 1: Nanobody binder from SSO7d library

Chain A:



• Molecule 2: Carboxy-terminal peptide from tyrosinated alpha-tubulin

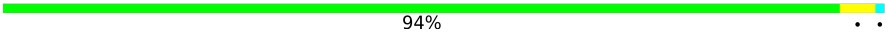
Chain B:

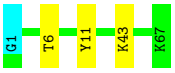


4.2.4 Score per residue for model 4

• Molecule 1: Nanobody binder from SSO7d library

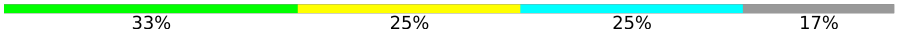
Chain A:





• Molecule 2: Carboxy-terminal peptide from tyrosinated alpha-tubulin

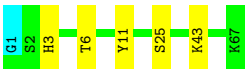
Chain B:



4.2.5 Score per residue for model 5

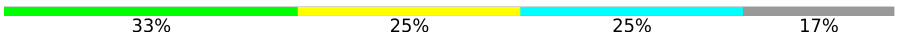
• Molecule 1: Nanobody binder from SSO7d library

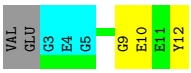
Chain A:



• Molecule 2: Carboxy-terminal peptide from tyrosinated alpha-tubulin

Chain B:

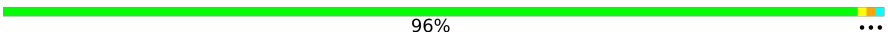




4.2.6 Score per residue for model 6 (medoid)

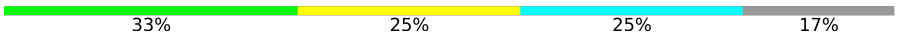
• Molecule 1: Nanobody binder from SSO7d library

Chain A:



• Molecule 2: Carboxy-terminal peptide from tyrosinated alpha-tubulin

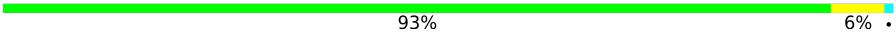
Chain B:



4.2.7 Score per residue for model 7

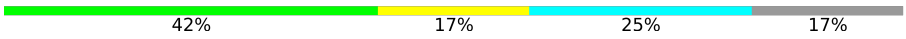
• Molecule 1: Nanobody binder from SSO7d library

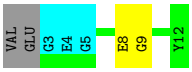
Chain A:



• Molecule 2: Carboxy-terminal peptide from tyrosinated alpha-tubulin

Chain B:

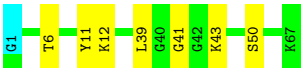




4.2.8 Score per residue for model 8

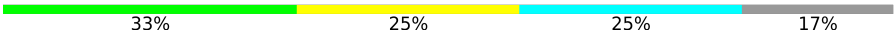
• Molecule 1: Nanobody binder from SSO7d library

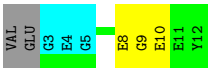
Chain A:



• Molecule 2: Carboxy-terminal peptide from tyrosinated alpha-tubulin

Chain B:

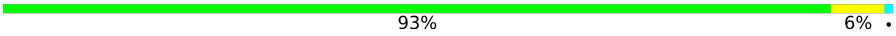


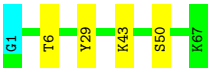


4.2.9 Score per residue for model 9

• Molecule 1: Nanobody binder from SSO7d library

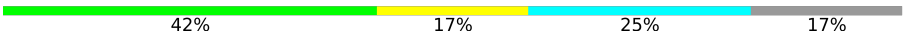
Chain A:

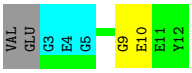




• Molecule 2: Carboxy-terminal peptide from tyrosinated alpha-tubulin

Chain B:

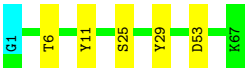




4.2.10 Score per residue for model 10

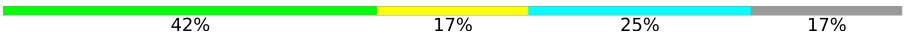
• Molecule 1: Nanobody binder from SSO7d library

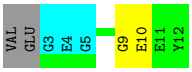
Chain A:



• Molecule 2: Carboxy-terminal peptide from tyrosinated alpha-tubulin

Chain B:





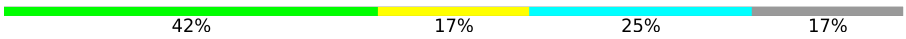
4.2.11 Score per residue for model 11

• Molecule 1: Nanobody binder from SSO7d library

Chain A:

• Molecule 2: Carboxy-terminal peptide from tyrosinated alpha-tubulin

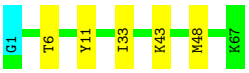
Chain B:



4.2.12 Score per residue for model 12

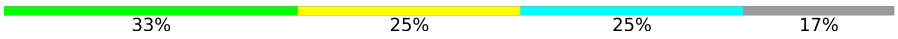
• Molecule 1: Nanobody binder from SSO7d library

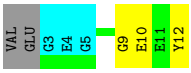
Chain A:



• Molecule 2: Carboxy-terminal peptide from tyrosinated alpha-tubulin

Chain B:

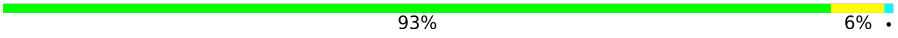




4.2.13 Score per residue for model 13

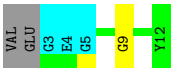
• Molecule 1: Nanobody binder from SSO7d library

Chain A:



• Molecule 2: Carboxy-terminal peptide from tyrosinated alpha-tubulin

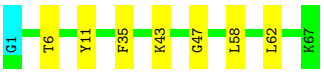
Chain B:



4.2.14 Score per residue for model 14

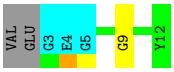
• Molecule 1: Nanobody binder from SSO7d library

Chain A:



• Molecule 2: Carboxy-terminal peptide from tyrosinated alpha-tubulin

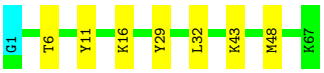
Chain B:



4.2.15 Score per residue for model 15

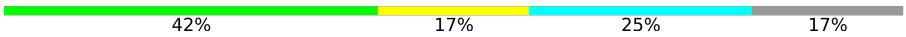
• Molecule 1: Nanobody binder from SSO7d library

Chain A:



• Molecule 2: Carboxy-terminal peptide from tyrosinated alpha-tubulin

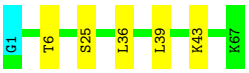
Chain B:



4.2.16 Score per residue for model 16

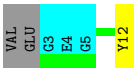
• Molecule 1: Nanobody binder from SSO7d library

Chain A:



• Molecule 2: Carboxy-terminal peptide from tyrosinated alpha-tubulin

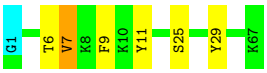
Chain B:



4.2.17 Score per residue for model 17

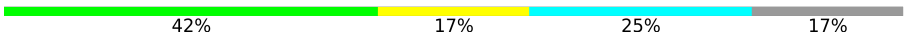
• Molecule 1: Nanobody binder from SSO7d library

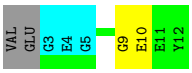
Chain A:



• Molecule 2: Carboxy-terminal peptide from tyrosinated alpha-tubulin

Chain B:





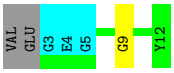
4.2.18 Score per residue for model 18

• Molecule 1: Nanobody binder from SSO7d library

Chain A:

• Molecule 2: Carboxy-terminal peptide from tyrosinated alpha-tubulin

Chain B:



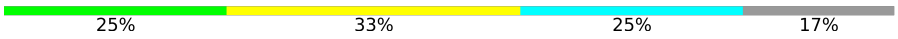
4.2.19 Score per residue for model 19

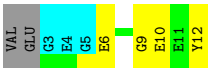
• Molecule 1: Nanobody binder from SSO7d library

Chain A:

• Molecule 2: Carboxy-terminal peptide from tyrosinated alpha-tubulin

Chain B:

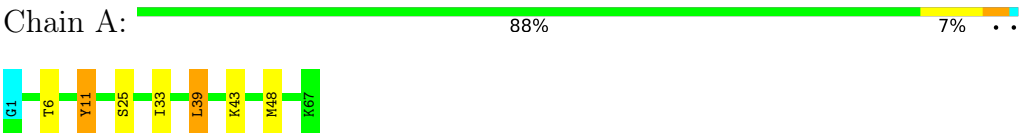




4.2.20 Score per residue for model 20

• Molecule 1: Nanobody binder from SSO7d library

Chain A:



• Molecule 2: Carboxy-terminal peptide from tyrosinated alpha-tubulin

Chain B:

5 Refinement protocol and experimental data overview

The models were refined using the following method: *torsion angle dynamics*.

Of the 200 calculated structures, 20 were deposited, based on the following criterion: *structures with the lowest energy*.

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

Software name	Classification	Version
CS-ROSETTA	structure calculation	
HADDOCK	structure calculation	

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

Chemical shift file(s)	working_cs.cif
Number of chemical shift lists	1
Total number of shifts	520
Number of shifts mapped to atoms	520
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Assignment completeness (well-defined parts)	52%

6 Model quality

6.1 Standard geometry

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

There are no bond-length outliers.

There are no bond-angle outliers.

There are no chirality outliers.

There are no planarity outliers.

6.2 Too-close contacts

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

Mol	Chain	Non-H	H(model)	H(added)	Clashes
1	A	518	549	549	1±1
2	B	61	42	42	0±0
All	All	11580	11820	11820	14

The all-atom clashscore is defined as the number of clashes found per 1000 atoms (including hydrogen atoms). The all-atom clashscore for this structure is 1.

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

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:58:LEU:O	1:A:62:LEU:HG	0.48	2.09	13	2
1:A:7:VAL:HB	1:A:9:PHE:CZ	0.44	2.47	17	1
1:A:37:TYR:O	1:A:44:ALA:HB1	0.43	2.14	1	2
1:A:14:GLU:OE2	1:A:16:LYS:HE2	0.42	2.15	11	1
1:A:33:ILE:O	1:A:48:MET:HA	0.41	2.15	19	3
1:A:11:TYR:CD2	1:A:16:LYS:HE2	0.41	2.50	7	1
1:A:35:PHE:CE2	1:A:47:GLY:HA3	0.41	2.50	14	1
1:A:11:TYR:CD1	1:A:11:TYR:C	0.41	2.94	20	1
1:A:29:TYR:HB2	1:A:32:LEU:O	0.41	2.16	15	1
1:A:12:LYS:HG2	2:B:10:GLU:OE1	0.41	2.16	11	1

6.3 Torsion angles (i)

6.3.1 Protein backbone (i)

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

Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles
1	A	65/67 (97%)	62±1 (95±2%)	3±1 (5±2%)	0±0 (0±0%)	54 85
2	B	6/12 (50%)	5±0 (78±8%)	0±1 (8±10%)	1±0 (14±6%)	1 5
All	All	1420/1580 (90%)	1330 (94%)	72 (5%)	18 (1%)	16 63

All 2 unique Ramachandran outliers are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
2	B	9	GLY	17
1	A	41	GLY	1

6.3.2 Protein sidechains (i)

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

Mol	Chain	Analysed	Rotameric	Outliers	Percentiles
1	A	55/55 (100%)	51±1 (93±2%)	4±1 (7±2%)	19 68
2	B	6/9 (67%)	5±1 (80±14%)	1±1 (20±14%)	4 34
All	All	1220/1280 (95%)	1120 (92%)	100 (8%)	15 62

All 20 unique residues with a non-rotameric sidechain are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
1	A	6	THR	18
1	A	43	LYS	16
1	A	11	TYR	12
2	B	10	GLU	9
2	B	12	TYR	8

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Mol	Chain	Res	Type	Models (Total)
1	A	25	SER	7
1	A	39	LEU	7
1	A	29	TYR	5
2	B	8	GLU	4
2	B	6	GLU	3
1	A	50	SER	2
1	A	3	HIS	1
1	A	12	LYS	1
1	A	53	ASP	1
1	A	2	SER	1
1	A	16	LYS	1
1	A	48	MET	1
1	A	36	LEU	1
1	A	7	VAL	1
1	A	17	GLN	1

6.3.3 RNA

There are no RNA molecules in this entry.

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

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

6.5 Carbohydrates

There are no monosaccharides in this entry.

6.6 Ligand geometry

There are no ligands in this entry.

6.7 Other polymers

There are no such molecules in this entry.

6.8 Polymer linkage issues

There are no chain breaks in this entry.

7 Chemical shift validation

The completeness of assignment taking into account all chemical shift lists is 52% for the well-defined parts and 50% for the entire structure.

7.1 Chemical shift list 1

File name: working_cs.cif

Chemical shift list name: *D_1300016862_cs_P1.str*

7.1.1 Bookkeeping

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

Total number of shifts	520
Number of shifts mapped to atoms	520
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	0

7.1.2 Chemical shift referencing

The following table shows the suggested chemical shift referencing corrections.

Nucleus	# values	Correction ± precision, *ppm*	Suggested action
$^{13}C_{\alpha}$	62	0.01 ± 0.14	None needed (< 0.5 ppm)
$^{13}C_{\beta}$	53	0.01 ± 0.18	None needed (< 0.5 ppm)
$^{13}C'$	0	—	None (insufficient data)
^{15}N	57	-0.08 ± 0.84	None needed (< 0.5 ppm)

7.1.3 Completeness of resonance assignments

The following table shows the completeness of the chemical shift assignments for the well-defined regions of the structure. The overall completeness is 52%, i.e. 520 atoms were assigned a chemical shift out of a possible 1001. 0 out of 11 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^{1}H	^{13}C	^{15}N
Backbone	234/372 (63%)	115/154 (75%)	62/146 (42%)	57/72 (79%)
Sidechain	286/559 (51%)	169/360 (47%)	117/181 (65%)	0/18 (0%)

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	Total	^{1}H	^{13}C	^{15}N
Aromatic	0/70 (0%)	0/34 (0%)	0/34 (0%)	0/2 (0%)
Overall	520/1001 (52%)	284/548 (52%)	179/361 (50%)	57/92 (62%)

The following table shows the completeness of the chemical shift assignments for the full structure. The overall completeness is 50%, i.e. 520 atoms were assigned a chemical shift out of a possible 1031. 0 out of 11 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^{1}H	^{13}C	^{15}N
Backbone	234/395 (59%)	115/165 (70%)	62/154 (40%)	57/76 (75%)
Sidechain	286/566 (51%)	169/364 (46%)	117/184 (64%)	0/18 (0%)
Aromatic	0/70 (0%)	0/34 (0%)	0/34 (0%)	0/2 (0%)
Overall	520/1031 (50%)	284/563 (50%)	179/372 (48%)	57/96 (59%)

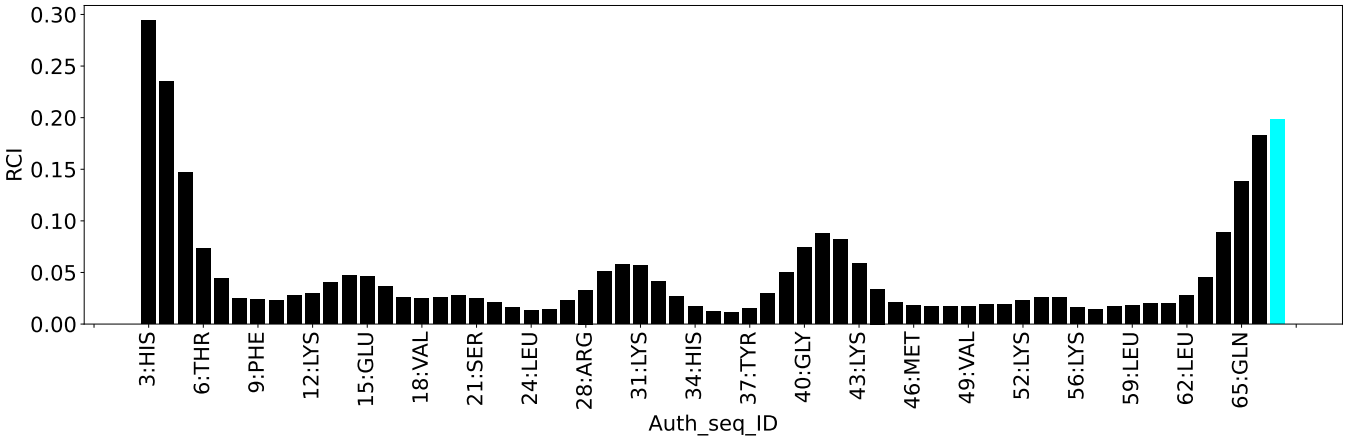
7.1.4 Statistically unusual chemical shifts (i)

There are no statistically unusual chemical shifts.

7.1.5 Random Coil Index (RCI) plots (i)

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

Random coil index (RCI) for chain A:



8 NMR restraints analysis

8.1 Conformationally restricting restraints

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

Description	Value
Total distance restraints	67
Intra-residue (|i-j|=0)	0
Sequential (|i-j|=1)	0
Medium range (|i-j|>1 and |i-j|<5)	0
Long range (|i-j|≥5)	0
Inter-chain	67
Hydrogen bond restraints	0
Disulfide bond restraints	0
Total dihedral-angle restraints	0
Number of unmapped restraints	0
Number of restraints per residue	0.8
Number of long range restraints per residue[1]	0.0

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

8.2 Residual restraint violations

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

8.2.1 Average number of distance violations per model

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

Bins (Å)	Average number of violations per model	Max (Å)
0.1-0.2 (Small)	1.9	0.19
0.2-0.5 (Medium)	0.8	0.49
>0.5 (Large)	1.9	2.64

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

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

9 Distance violation analysis (i)

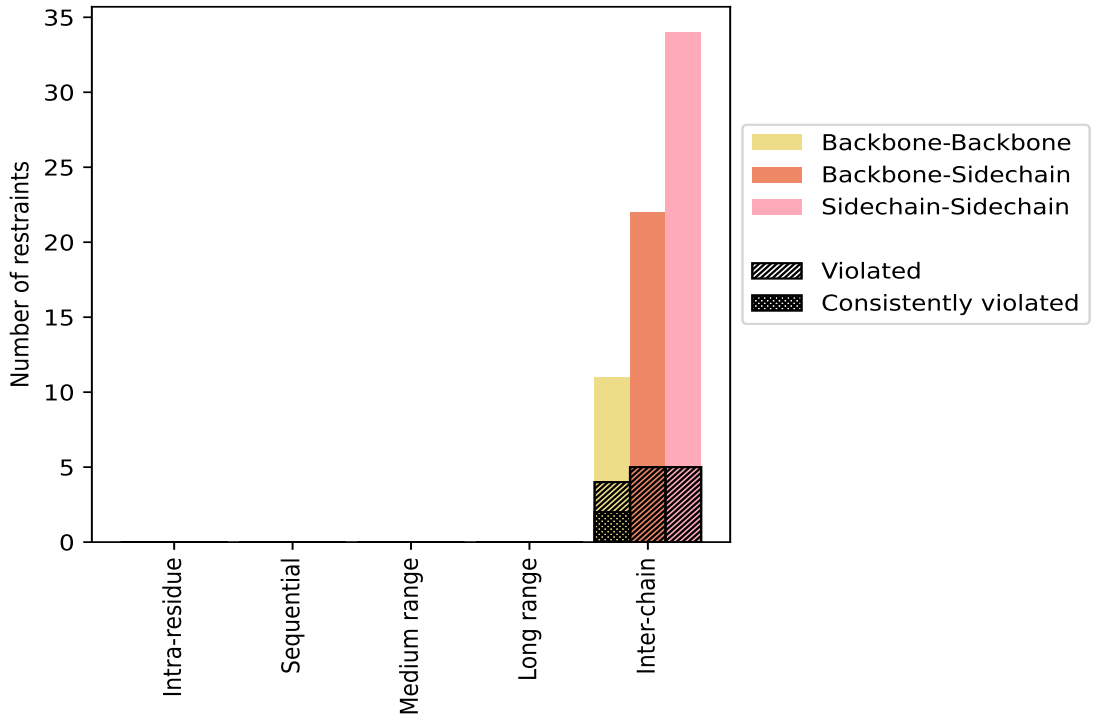
9.1 Summary of distance violations (i)

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

Restraints type	Count	%[1]	Violated[3]			Consistently Violated[4]		
			Count	%[2]	%[1]	Count	%[2]	%[1]
Intra-residue (|i-j|=0)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sequential (|i-j|=1)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Medium range (|i-j|>1 & |i-j|<5)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Long range (|i-j|≥5)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Inter-chain	67	100.0	14	20.9	20.9	2	3.0	3.0
Backbone-Backbone	11	16.4	4	36.4	6.0	2	18.2	3.0
Backbone-Sidechain	22	32.8	5	22.7	7.5	0	0.0	0.0
Sidechain-Sidechain	34	50.7	5	14.7	7.5	0	0.0	0.0
Hydrogen bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Disulfide bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Total	67	100.0	14	20.9	20.9	2	3.0	3.0
Backbone-Backbone	11	16.4	4	36.4	6.0	2	18.2	3.0
Backbone-Sidechain	22	32.8	5	22.7	7.5	0	0.0	0.0
Sidechain-Sidechain	34	50.7	5	14.7	7.5	0	0.0	0.0

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

9.1.1 Bar chart : Distribution of distance restraints and violations



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

9.2 Distance violation statistics for each model

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

Model ID	Number of violations						Mean (Å)	Max (Å)	SD[6] (Å)	Median (Å)
	IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total				
1	0	0	0	0	4	4	0.57	1.9	0.77	0.14
2	0	0	0	0	6	6	0.48	1.88	0.64	0.15
3	0	0	0	0	5	5	0.56	1.81	0.64	0.19
4	0	0	0	0	3	3	0.74	1.88	0.81	0.18
5	0	0	0	0	3	3	0.89	1.81	0.67	0.63
6	0	0	0	0	5	5	1.0	2.19	0.95	0.38
7	0	0	0	0	6	6	0.61	1.93	0.63	0.34
8	0	0	0	0	4	4	0.75	1.86	0.66	0.5
9	0	0	0	0	6	6	0.48	1.9	0.65	0.13
10	0	0	0	0	5	5	1.31	2.64	1.05	0.73
11	0	0	0	0	4	4	1.27	2.21	0.77	1.34

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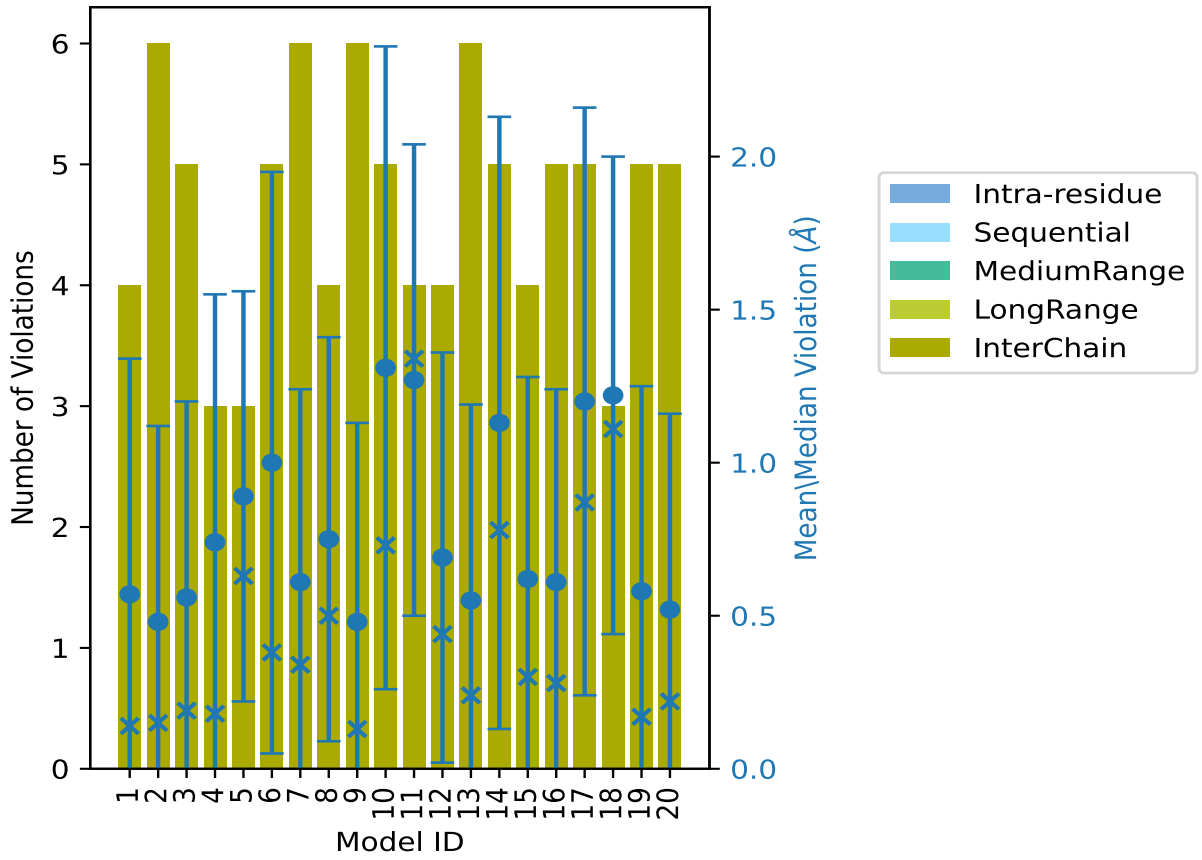
Model ID	Number of violations						Mean (Å)	Max (Å)	SD[6] (Å)	Median (Å)
	IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total				
12	0	0	0	0	4	4	0.69	1.76	0.67	0.44
13	0	0	0	0	6	6	0.55	1.91	0.64	0.24
14	0	0	0	0	5	5	1.13	2.41	1.0	0.78
15	0	0	0	0	4	4	0.62	1.75	0.66	0.3
16	0	0	0	0	5	5	0.61	1.77	0.63	0.28
17	0	0	0	0	5	5	1.2	2.44	0.96	0.87
18	0	0	0	0	3	3	1.22	2.22	0.78	1.11
19	0	0	0	0	5	5	0.58	1.87	0.67	0.17
20	0	0	0	0	5	5	0.52	1.79	0.64	0.22

[1]Intra-residue restraints, [2]Sequential restraints, [3]Medium range restraints, [4]Long range restraints, [5]Inter-chain restraints, [6]Standard deviation

9.2.1 Bar graph : Distance Violation statistics for each model



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

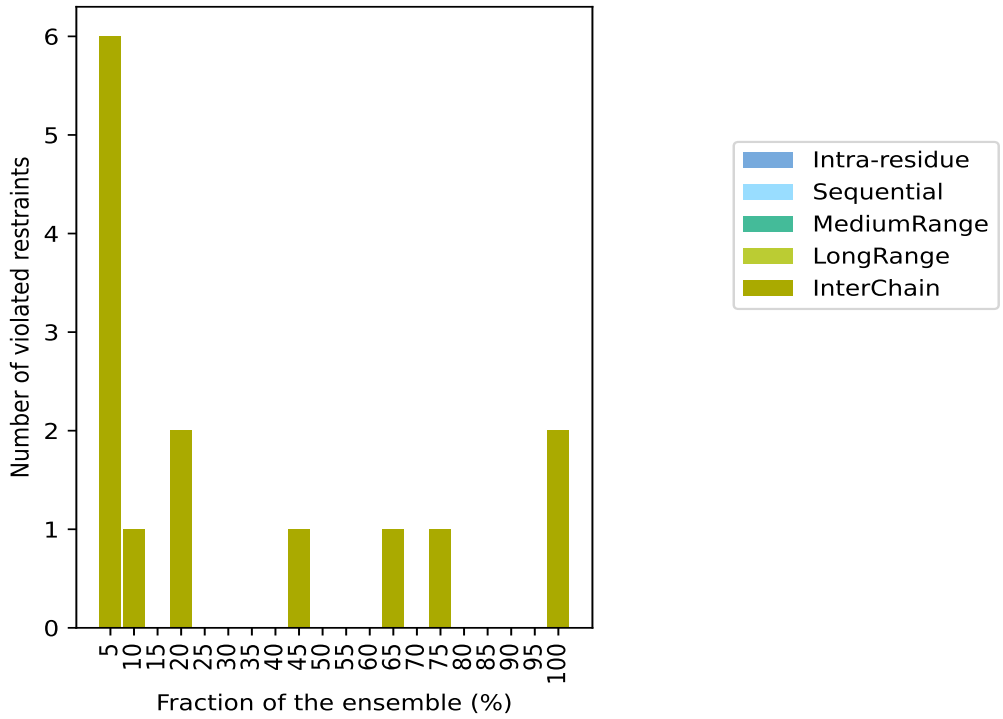
9.3 Distance violation statistics for the ensemble (i)

Violation analysis may find that some restraints are violated in few models and some are violated in most of models. The following table provides this information as number of violated restraints for a given fraction of the ensemble. In total, 53(IR:0, SQ:0, MR:0, LR:0, IC:53) restraints are not violated in the ensemble.

Number of violated restraints						Fraction of the ensemble	
IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total	Count[6]	%
0	0	0	0	6	6	1	5.0
0	0	0	0	1	1	2	10.0
0	0	0	0	0	0	3	15.0
0	0	0	0	2	2	4	20.0
0	0	0	0	0	0	5	25.0
0	0	0	0	0	0	6	30.0
0	0	0	0	0	0	7	35.0
0	0	0	0	0	0	8	40.0
0	0	0	0	1	1	9	45.0
0	0	0	0	0	0	10	50.0
0	0	0	0	0	0	11	55.0
0	0	0	0	0	0	12	60.0
0	0	0	0	1	1	13	65.0
0	0	0	0	0	0	14	70.0
0	0	0	0	1	1	15	75.0
0	0	0	0	0	0	16	80.0
0	0	0	0	0	0	17	85.0
0	0	0	0	0	0	18	90.0
0	0	0	0	0	0	19	95.0
0	0	0	0	2	2	20	100.0

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

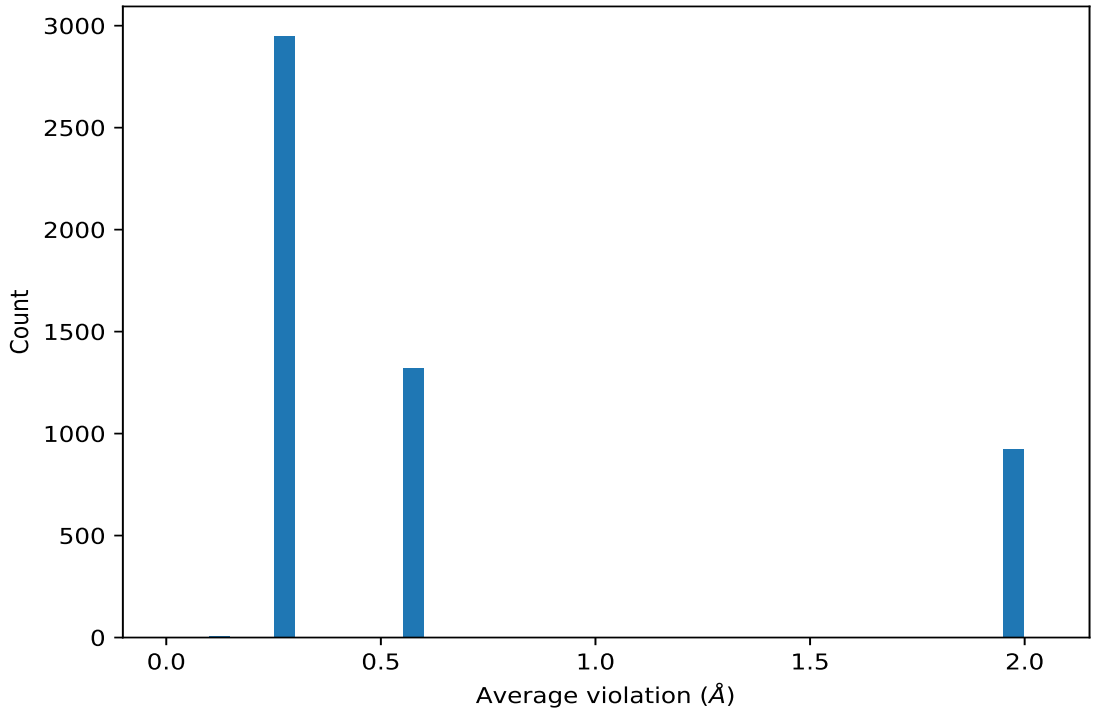
9.3.1 Bar graph : Distance violation statistics for the ensemble



9.4 Most violated distance restraints in the ensemble

9.4.1 Histogram : Distribution of mean distance violations

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



9.4.2 Table: Most violated distance restraints

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

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:C	2:B:3:GLY:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:3:GLY:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:3:GLY:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:3:GLY:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:3:GLY:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:4:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:4:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB3	20	1.98	0.22	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:4:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:4:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:5:GLY:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:5:GLY:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:5:GLY:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:5:GLY:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:5:GLY:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:6:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:6:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:6:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:6:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:7:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:7:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:7:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:7:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE1	20	1.98	0.22	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:8:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:8:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:8:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:8:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:9:GLY:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:9:GLY:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:9:GLY:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:9:GLY:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:9:GLY:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:10:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:10:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:10:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:10:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:11:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CD	20	1.98	0.22	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:11:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:11:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:11:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:12:TYR:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CZ	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:12:TYR:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HH	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:12:TYR:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:12:TYR:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:C	2:B:12:TYR:OH	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CB	20	1.98	0.22	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB2	20	1.98	0.22	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:O	20	1.98	0.22	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CZ	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HH	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:OH	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:3:GLY:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:3:GLY:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:3:GLY:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	20	1.98	0.22	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CA	20	1.98	0.22	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:7:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:7:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:7:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:8:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:8:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:8:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:8:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:9:GLY:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:9:GLY:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:9:GLY:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:9:GLY:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:9:GLY:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:10:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:10:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HA	20	1.98	0.22	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:10:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:10:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:11:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:11:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:11:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:11:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:12:TYR:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CZ	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:12:TYR:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HH	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:12:TYR:N	20	1.98	0.22	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:H	2:B:12:TYR:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:H	2:B:12:TYR:OH	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG3	20	1.98	0.22	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:C	20	1.98	0.22	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CZ	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB3	20	1.98	0.22	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HH	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:OH	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CG	20	1.98	0.22	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	20	1.98	0.22	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	20	1.98	0.22	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CZ	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HH	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:OH	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:3:GLY:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:3:GLY:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:3:GLY:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:3:GLY:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:3:GLY:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:4:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:4:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:4:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:4:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:5:GLY:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:5:GLY:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:5:GLY:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:5:GLY:N	20	1.98	0.22	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:N	2:B:5:GLY:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:6:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:6:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:6:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:6:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:7:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:7:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:7:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:7:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:8:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:8:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG3	20	1.98	0.22	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	20	1.98	0.22	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CZ	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:12:TYR:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HH	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:12:TYR:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:12:TYR:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:N	2:B:12:TYR:OH	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:3:GLY:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:3:GLY:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:3:GLY:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:3:GLY:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:3:GLY:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:4:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:4:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:4:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:4:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE2	20	1.98	0.22	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:O	2:B:5:GLY:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:5:GLY:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:5:GLY:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:5:GLY:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:5:GLY:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:6:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:6:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:6:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:6:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:7:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:7:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:7:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:7:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:8:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CG	20	1.98	0.22	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:O	2:B:8:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:8:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:8:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:9:GLY:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:9:GLY:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:9:GLY:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:9:GLY:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:9:GLY:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:10:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:10:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:10:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:10:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:11:GLU:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CD	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:11:GLU:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG2	20	1.98	0.22	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:11:GLU:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:11:GLU:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:12:TYR:C	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CB	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CG	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CZ	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:12:TYR:H	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HA	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB3	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE1	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE2	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HH	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:12:TYR:N	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:12:TYR:O	20	1.98	0.22	1.89
(2,2)	1:A:42:GLY:O	2:B:12:TYR:OH	20	1.98	0.22	1.89
(2,3)	1:A:44:ALA:C	2:B:3:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:3:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:3:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:3:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:3:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:4:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:4:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB3	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:4:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:4:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:5:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:5:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:5:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:5:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:5:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:6:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:6:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:6:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:6:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:7:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:7:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:7:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:7:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE1	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:8:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:8:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:8:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:8:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:9:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:9:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:9:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:9:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:9:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:10:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:10:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:10:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:10:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:11:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CD	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:11:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:11:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:11:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:12:TYR:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CZ	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:12:TYR:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HH	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:12:TYR:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:12:TYR:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:C	2:B:12:TYR:OH	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CB	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB2	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:O	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CZ	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HH	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:OH	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA2	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CA	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HA	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CZ	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HH	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:N	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:OH	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:3:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:3:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:3:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:3:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:3:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:4:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:4:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:4:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:4:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:5:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:5:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:5:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:5:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:5:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:6:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:6:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG3	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:H	2:B:6:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:6:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:7:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:7:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:7:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:7:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:8:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:8:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:8:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:8:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:9:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:9:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:9:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:9:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:9:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:10:GLU:C	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:10:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:10:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:10:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:11:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:11:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:11:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:11:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:12:TYR:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CZ	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:12:TYR:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB3	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HH	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:12:TYR:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:12:TYR:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:H	2:B:12:TYR:OH	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CG	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:CA	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE2	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CZ	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HH	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:OH	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:N	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG3	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:C	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CZ	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HH	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:OH	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE2	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CG	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG2	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CZ	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HH	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:OH	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB3	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE1	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CD	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CZ	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HH	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:OH	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:3:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:3:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:3:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:3:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:3:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:4:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CB	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:4:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:4:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:4:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:5:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:5:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:5:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:5:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:5:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:6:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:6:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:6:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:6:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:7:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:7:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB2	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:7:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:7:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:8:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:8:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:8:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:8:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:9:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:9:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:9:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:9:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:9:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:10:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:10:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:10:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:10:GLU:O	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:11:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:11:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:11:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:11:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:12:TYR:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CZ	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:12:TYR:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HH	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:12:TYR:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:12:TYR:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:N	2:B:12:TYR:OH	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:3:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:3:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:3:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA2	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:3:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:3:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:4:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:4:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:4:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:4:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:5:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:5:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:5:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:5:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:5:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:6:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:6:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:6:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:6:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:7:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CA	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:7:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:7:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:7:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:8:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:8:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:8:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:8:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:9:GLY:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:9:GLY:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:9:GLY:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:9:GLY:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:9:GLY:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:10:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:10:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HA	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:10:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:10:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:11:GLU:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CD	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:11:GLU:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:11:GLU:N	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:11:GLU:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:12:TYR:C	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CB	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CG	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CZ	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:12:TYR:H	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HA	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB3	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE1	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE2	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HH	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:12:TYR:N	20	0.57	0.22	0.62

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,3)	1:A:44:ALA:O	2:B:12:TYR:O	20	0.57	0.22	0.62
(2,3)	1:A:44:ALA:O	2:B:12:TYR:OH	20	0.57	0.22	0.62
(2,7)	2:B:5:GLY:C	1:A:10:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HH	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:C	1:A:11:TYR:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:OH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ1	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:27:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:27:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:27:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:27:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:27:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD2	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:OH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:30:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:30:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:30:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:30:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:30:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:C	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CA	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:ND1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:NE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CG	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:OH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HG	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:C	1:A:39:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:40:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:40:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:40:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:40:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:40:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:41:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:41:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:41:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:41:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:41:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:42:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:42:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:42:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:42:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:42:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ3	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:C	1:A:43:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:45:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:45:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:45:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:45:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:45:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:SD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:47:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:47:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:47:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA3	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:C	1:A:47:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:47:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:SD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:OG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:N	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:C	1:A:51:GLU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE2	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:OH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG3	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB3	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:OH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:O	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:C	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:ND1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:NE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE2	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:OH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD23	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ2	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:SD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA2	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:SD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:OG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG3	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE1	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:OH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG2	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:27:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:27:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:27:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:27:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:27:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB2	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:OH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:30:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:30:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:30:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:30:GLY:N	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:H	1:A:30:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:O	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:H	1:A:34:HIS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:ND1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:NE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE1	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:OH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD22	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:40:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:40:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:40:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:40:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:40:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:41:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:41:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:41:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:41:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:41:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:42:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:42:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:42:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:42:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:42:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ1	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:45:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:45:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:45:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:45:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:45:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:SD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:47:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:47:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:47:GLY:H	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:47:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:47:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:SD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:OG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG2	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD2	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:OH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE3	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HA	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:OH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA3	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:N	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:ND1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:NE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD2	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:OH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD21	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG3	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:SD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:CA	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:SD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:OG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB3	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD1	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:OH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE2	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:H	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:OH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA2	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HG	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:ND1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:NE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD1	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:OH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD13	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG2	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:SD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:C	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:SD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:OG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB2	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB3	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:OH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD3	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:27:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:27:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:27:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:27:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:27:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CZ	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:N	1:A:28:ARG:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:OH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:30:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:30:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:30:GLY:H	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:30:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:30:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD23	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:ND1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:NE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CB	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:OH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD12	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:40:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:40:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:40:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:40:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:40:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:41:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:41:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:41:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:41:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:41:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:42:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:42:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:42:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:42:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:42:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE3	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:45:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:45:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:45:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:45:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:45:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:SD	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:N	1:A:47:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:47:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:47:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:47:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:47:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:SD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:OG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HA	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB2	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:OH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD2	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:27:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:27:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:27:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:27:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:27:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CG	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:OH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:30:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:30:GLY:CA	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:O	1:A:30:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:30:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:30:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD22	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:ND1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:NE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD11	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CA	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:OH	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD11	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD12	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD13	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD21	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD22	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD23	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:40:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:40:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:40:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:40:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:40:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:41:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:41:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:41:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:41:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:41:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:42:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:42:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:42:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:42:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:42:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE2	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:NZ	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:45:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:45:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:45:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:45:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:45:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:O	15	0.25	0.12	0.22

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:O	1:A:46:MET:SD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:47:GLY:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:47:GLY:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:47:GLY:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:47:GLY:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:47:GLY:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:CE	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:SD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:H	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:HG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:OG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:C	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CB	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CD	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CG	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:H	15	0.25	0.12	0.22

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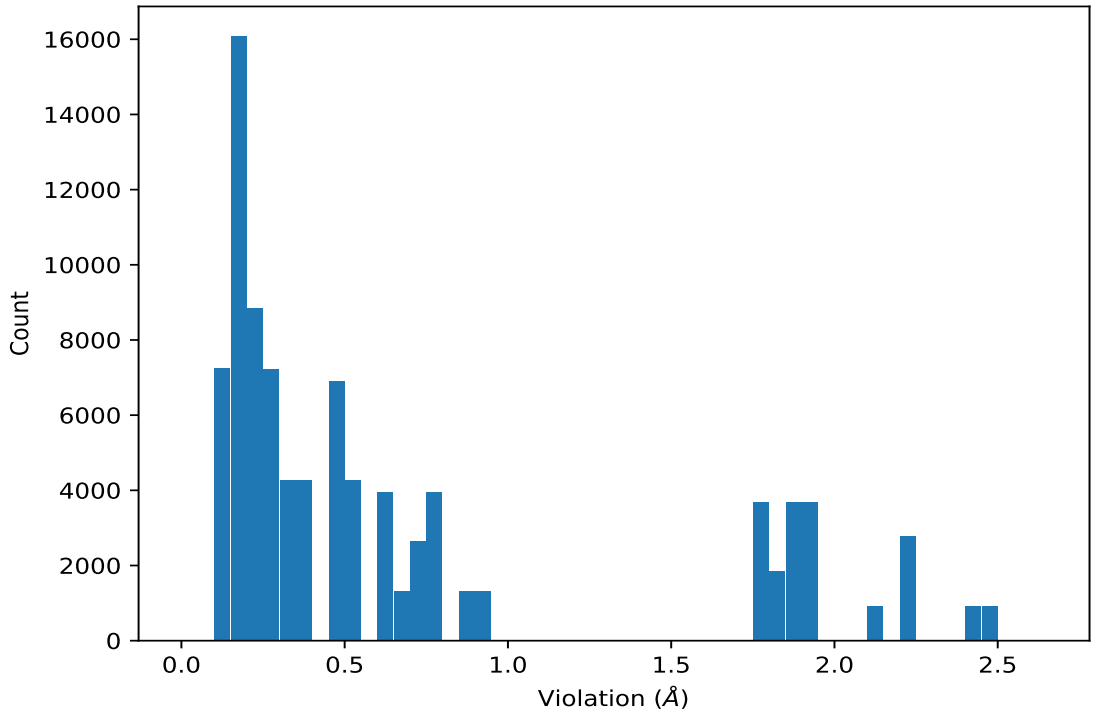
Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HA	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG2	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG3	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:N	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:O	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE1	15	0.25	0.12	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE2	15	0.25	0.12	0.22
(1,8)	1:A:43:LYS:HG3	2:B:4:GLU:HA	13	1.03	1.01	0.24
(1,47)	1:A:32:LEU:HG	2:B:10:GLU:HG2	9	0.13	0.01	0.14
(1,47)	1:A:32:LEU:HG	2:B:10:GLU:HG3	9	0.13	0.01	0.14
(1,23)	1:A:11:TYR:HE1	2:B:8:GLU:HA	4	0.14	0.02	0.14
(1,23)	1:A:11:TYR:HE2	2:B:8:GLU:HA	4	0.14	0.02	0.14
(1,43)	1:A:32:LEU:HG	2:B:10:GLU:HB2	4	0.12	0.01	0.11
(1,11)	1:A:43:LYS:HG3	2:B:4:GLU:HB2	2	0.14	0.02	0.14
(1,11)	1:A:43:LYS:HG3	2:B:4:GLU:HB3	2	0.14	0.02	0.14

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

9.5 All violated distance restraints (i)

9.5.1 Histogram : Distribution of distance violations (i)

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



9.5.2 Table : All distance violations (i)

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

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:A:43:LYS:HG3	2:B:4:GLU:HA	10	2.64
(2,2)	1:A:42:GLY:C	2:B:3:GLY:C	10	2.49
(2,2)	1:A:42:GLY:C	2:B:3:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:C	2:B:3:GLY:H	10	2.49
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:C	2:B:3:GLY:N	10	2.49
(2,2)	1:A:42:GLY:C	2:B:3:GLY:O	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:C	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:H	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB2	10	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:N	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:O	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:5:GLY:C	10	2.49
(2,2)	1:A:42:GLY:C	2:B:5:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:C	2:B:5:GLY:H	10	2.49
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:C	2:B:5:GLY:N	10	2.49
(2,2)	1:A:42:GLY:C	2:B:5:GLY:O	10	2.49
(2,2)	1:A:42:GLY:C	2:B:6:GLU:C	10	2.49
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:C	2:B:6:GLU:H	10	2.49
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:C	2:B:6:GLU:N	10	2.49
(2,2)	1:A:42:GLY:C	2:B:6:GLU:O	10	2.49
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:7:GLU:C	10	2.49
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:C	2:B:7:GLU:H	10	2.49
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:C	2:B:7:GLU:N	10	2.49
(2,2)	1:A:42:GLY:C	2:B:7:GLU:O	10	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:8:GLU:C	10	2.49
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:C	2:B:8:GLU:H	10	2.49
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:C	2:B:8:GLU:N	10	2.49
(2,2)	1:A:42:GLY:C	2:B:8:GLU:O	10	2.49
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:9:GLY:C	10	2.49
(2,2)	1:A:42:GLY:C	2:B:9:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:C	2:B:9:GLY:H	10	2.49
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:C	2:B:9:GLY:N	10	2.49
(2,2)	1:A:42:GLY:C	2:B:9:GLY:O	10	2.49
(2,2)	1:A:42:GLY:C	2:B:10:GLU:C	10	2.49
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:C	2:B:10:GLU:H	10	2.49
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:C	2:B:10:GLU:N	10	2.49
(2,2)	1:A:42:GLY:C	2:B:10:GLU:O	10	2.49
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:11:GLU:C	10	2.49
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CB	10	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:C	2:B:11:GLU:H	10	2.49
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:C	2:B:11:GLU:N	10	2.49
(2,2)	1:A:42:GLY:C	2:B:11:GLU:O	10	2.49
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:12:TYR:C	10	2.49
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CA	10	2.49
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CB	10	2.49
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD1	10	2.49
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE1	10	2.49
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CG	10	2.49
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CZ	10	2.49
(2,2)	1:A:42:GLY:C	2:B:12:TYR:H	10	2.49
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HA	10	2.49
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB3	10	2.49
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD1	10	2.49
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE1	10	2.49
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE2	10	2.49
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HH	10	2.49
(2,2)	1:A:42:GLY:C	2:B:12:TYR:N	10	2.49
(2,2)	1:A:42:GLY:C	2:B:12:TYR:O	10	2.49
(2,2)	1:A:42:GLY:C	2:B:12:TYR:OH	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:C	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:H	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:N	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:O	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:C	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CA	10	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:H	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:N	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:O	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:C	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:H	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:N	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:O	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:C	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:H	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:N	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:O	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:C	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:H	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HA	10	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:N	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:O	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:C	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:H	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:N	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:O	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:C	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:H	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:N	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:O	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:C	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:H	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:N	10	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:O	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:C	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:H	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:N	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:O	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:C	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CA	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CB	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD1	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE1	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CG	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CZ	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:H	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HA	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB3	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD1	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE1	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE2	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HH	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:N	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:O	10	2.49
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:OH	10	2.49
(2,2)	1:A:42:GLY:H	2:B:3:GLY:C	10	2.49
(2,2)	1:A:42:GLY:H	2:B:3:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:H	2:B:3:GLY:H	10	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	10	2.49
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	10	2.49
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	10	2.49
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	10	2.49
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	10	2.49
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	10	2.49
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	10	2.49
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	10	2.49
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	10	2.49
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	10	2.49
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	10	2.49
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	10	2.49
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	10	2.49
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	10	2.49
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	10	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:H	2:B:7:GLU:H	10	2.49
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:H	2:B:7:GLU:N	10	2.49
(2,2)	1:A:42:GLY:H	2:B:7:GLU:O	10	2.49
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:8:GLU:C	10	2.49
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:H	2:B:8:GLU:H	10	2.49
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:H	2:B:8:GLU:N	10	2.49
(2,2)	1:A:42:GLY:H	2:B:8:GLU:O	10	2.49
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:9:GLY:C	10	2.49
(2,2)	1:A:42:GLY:H	2:B:9:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:H	2:B:9:GLY:H	10	2.49
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:H	2:B:9:GLY:N	10	2.49
(2,2)	1:A:42:GLY:H	2:B:9:GLY:O	10	2.49
(2,2)	1:A:42:GLY:H	2:B:10:GLU:C	10	2.49
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:H	2:B:10:GLU:H	10	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:H	2:B:10:GLU:N	10	2.49
(2,2)	1:A:42:GLY:H	2:B:10:GLU:O	10	2.49
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:11:GLU:C	10	2.49
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:H	2:B:11:GLU:H	10	2.49
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:H	2:B:11:GLU:N	10	2.49
(2,2)	1:A:42:GLY:H	2:B:11:GLU:O	10	2.49
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:12:TYR:C	10	2.49
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CA	10	2.49
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CB	10	2.49
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD1	10	2.49
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE1	10	2.49
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CG	10	2.49
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CZ	10	2.49
(2,2)	1:A:42:GLY:H	2:B:12:TYR:H	10	2.49
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HA	10	2.49
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB3	10	2.49
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD1	10	2.49
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE1	10	2.49
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE2	10	2.49
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HH	10	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:12:TYR:N	10	2.49
(2,2)	1:A:42:GLY:H	2:B:12:TYR:O	10	2.49
(2,2)	1:A:42:GLY:H	2:B:12:TYR:OH	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:C	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:H	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:N	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:O	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:C	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:H	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:N	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:O	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:C	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:H	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:N	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:O	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:C	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:H	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG2	10	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:N	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:O	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:C	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:H	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:N	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:O	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:C	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:H	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:N	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:O	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:C	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:H	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:N	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:O	10	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:C	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:H	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:N	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:O	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:C	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:H	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:N	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:O	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:C	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CA	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CB	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD1	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE1	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CG	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CZ	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:H	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HA	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB2	10	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB3	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD1	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE1	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE2	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HH	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:N	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:O	10	2.49
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:OH	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:C	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:H	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:N	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:O	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:C	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:H	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:N	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:O	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:C	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:H	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:N	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:O	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:C	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CD	10	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:H	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:N	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:O	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:C	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:H	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:N	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:O	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:C	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:H	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:N	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:O	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:C	10	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	10	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CG	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CZ	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:H	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HA	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB3	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD1	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE1	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE2	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HH	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:N	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:O	10	2.49
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:OH	10	2.49
(2,2)	1:A:42:GLY:N	2:B:3:GLY:C	10	2.49
(2,2)	1:A:42:GLY:N	2:B:3:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:N	2:B:3:GLY:H	10	2.49
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:N	2:B:3:GLY:N	10	2.49
(2,2)	1:A:42:GLY:N	2:B:3:GLY:O	10	2.49
(2,2)	1:A:42:GLY:N	2:B:4:GLU:C	10	2.49
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:N	2:B:4:GLU:H	10	2.49
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:N	2:B:4:GLU:N	10	2.49
(2,2)	1:A:42:GLY:N	2:B:4:GLU:O	10	2.49
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:5:GLY:C	10	2.49
(2,2)	1:A:42:GLY:N	2:B:5:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:N	2:B:5:GLY:H	10	2.49
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA3	10	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:5:GLY:N	10	2.49
(2,2)	1:A:42:GLY:N	2:B:5:GLY:O	10	2.49
(2,2)	1:A:42:GLY:N	2:B:6:GLU:C	10	2.49
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:N	2:B:6:GLU:H	10	2.49
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:N	2:B:6:GLU:N	10	2.49
(2,2)	1:A:42:GLY:N	2:B:6:GLU:O	10	2.49
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:7:GLU:C	10	2.49
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:N	2:B:7:GLU:H	10	2.49
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:N	2:B:7:GLU:N	10	2.49
(2,2)	1:A:42:GLY:N	2:B:7:GLU:O	10	2.49
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:8:GLU:C	10	2.49
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:N	2:B:8:GLU:H	10	2.49
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG2	10	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	10	2.49
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	10	2.49
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	10	2.49
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	10	2.49
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	10	2.49
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	10	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	10	2.49
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CA	10	2.49
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CB	10	2.49
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD1	10	2.49
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE1	10	2.49
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CG	10	2.49
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CZ	10	2.49
(2,2)	1:A:42:GLY:N	2:B:12:TYR:H	10	2.49
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HA	10	2.49
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB3	10	2.49
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD1	10	2.49
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE1	10	2.49
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE2	10	2.49
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HH	10	2.49
(2,2)	1:A:42:GLY:N	2:B:12:TYR:N	10	2.49
(2,2)	1:A:42:GLY:N	2:B:12:TYR:O	10	2.49
(2,2)	1:A:42:GLY:N	2:B:12:TYR:OH	10	2.49
(2,2)	1:A:42:GLY:O	2:B:3:GLY:C	10	2.49
(2,2)	1:A:42:GLY:O	2:B:3:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:O	2:B:3:GLY:H	10	2.49
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:O	2:B:3:GLY:N	10	2.49
(2,2)	1:A:42:GLY:O	2:B:3:GLY:O	10	2.49
(2,2)	1:A:42:GLY:O	2:B:4:GLU:C	10	2.49
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:O	2:B:4:GLU:H	10	2.49
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:O	2:B:4:GLU:N	10	2.49
(2,2)	1:A:42:GLY:O	2:B:4:GLU:O	10	2.49
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE1	10	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:5:GLY:C	10	2.49
(2,2)	1:A:42:GLY:O	2:B:5:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:O	2:B:5:GLY:H	10	2.49
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:O	2:B:5:GLY:N	10	2.49
(2,2)	1:A:42:GLY:O	2:B:5:GLY:O	10	2.49
(2,2)	1:A:42:GLY:O	2:B:6:GLU:C	10	2.49
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:O	2:B:6:GLU:H	10	2.49
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:O	2:B:6:GLU:N	10	2.49
(2,2)	1:A:42:GLY:O	2:B:6:GLU:O	10	2.49
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:7:GLU:C	10	2.49
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:O	2:B:7:GLU:H	10	2.49
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:O	2:B:7:GLU:N	10	2.49
(2,2)	1:A:42:GLY:O	2:B:7:GLU:O	10	2.49
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:8:GLU:C	10	2.49
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CD	10	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:O	2:B:8:GLU:H	10	2.49
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:O	2:B:8:GLU:N	10	2.49
(2,2)	1:A:42:GLY:O	2:B:8:GLU:O	10	2.49
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:9:GLY:C	10	2.49
(2,2)	1:A:42:GLY:O	2:B:9:GLY:CA	10	2.49
(2,2)	1:A:42:GLY:O	2:B:9:GLY:H	10	2.49
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA3	10	2.49
(2,2)	1:A:42:GLY:O	2:B:9:GLY:N	10	2.49
(2,2)	1:A:42:GLY:O	2:B:9:GLY:O	10	2.49
(2,2)	1:A:42:GLY:O	2:B:10:GLU:C	10	2.49
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:O	2:B:10:GLU:H	10	2.49
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB3	10	2.49
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:O	2:B:10:GLU:N	10	2.49
(2,2)	1:A:42:GLY:O	2:B:10:GLU:O	10	2.49
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:11:GLU:C	10	2.49
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CA	10	2.49
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CB	10	2.49
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CD	10	2.49
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CG	10	2.49
(2,2)	1:A:42:GLY:O	2:B:11:GLU:H	10	2.49
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HA	10	2.49
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB3	10	2.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG3	10	2.49
(2,2)	1:A:42:GLY:O	2:B:11:GLU:N	10	2.49
(2,2)	1:A:42:GLY:O	2:B:11:GLU:O	10	2.49
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE1	10	2.49
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:12:TYR:C	10	2.49
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CA	10	2.49
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CB	10	2.49
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD1	10	2.49
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE1	10	2.49
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CG	10	2.49
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CZ	10	2.49
(2,2)	1:A:42:GLY:O	2:B:12:TYR:H	10	2.49
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HA	10	2.49
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB3	10	2.49
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD1	10	2.49
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE1	10	2.49
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE2	10	2.49
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HH	10	2.49
(2,2)	1:A:42:GLY:O	2:B:12:TYR:N	10	2.49
(2,2)	1:A:42:GLY:O	2:B:12:TYR:O	10	2.49
(2,2)	1:A:42:GLY:O	2:B:12:TYR:OH	10	2.49
(2,2)	1:A:42:GLY:C	2:B:3:GLY:C	17	2.44
(2,2)	1:A:42:GLY:C	2:B:3:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:C	2:B:3:GLY:H	17	2.44
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:C	2:B:3:GLY:N	17	2.44
(2,2)	1:A:42:GLY:C	2:B:3:GLY:O	17	2.44
(2,2)	1:A:42:GLY:C	2:B:4:GLU:C	17	2.44
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:C	2:B:4:GLU:H	17	2.44
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB2	17	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:C	2:B:4:GLU:N	17	2.44
(2,2)	1:A:42:GLY:C	2:B:4:GLU:O	17	2.44
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:5:GLY:C	17	2.44
(2,2)	1:A:42:GLY:C	2:B:5:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:C	2:B:5:GLY:H	17	2.44
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:C	2:B:5:GLY:N	17	2.44
(2,2)	1:A:42:GLY:C	2:B:5:GLY:O	17	2.44
(2,2)	1:A:42:GLY:C	2:B:6:GLU:C	17	2.44
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:C	2:B:6:GLU:H	17	2.44
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:C	2:B:6:GLU:N	17	2.44
(2,2)	1:A:42:GLY:C	2:B:6:GLU:O	17	2.44
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:7:GLU:C	17	2.44
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:C	2:B:7:GLU:H	17	2.44
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:C	2:B:7:GLU:N	17	2.44
(2,2)	1:A:42:GLY:C	2:B:7:GLU:O	17	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:8:GLU:C	17	2.44
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:C	2:B:8:GLU:H	17	2.44
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:C	2:B:8:GLU:N	17	2.44
(2,2)	1:A:42:GLY:C	2:B:8:GLU:O	17	2.44
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:9:GLY:C	17	2.44
(2,2)	1:A:42:GLY:C	2:B:9:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:C	2:B:9:GLY:H	17	2.44
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:C	2:B:9:GLY:N	17	2.44
(2,2)	1:A:42:GLY:C	2:B:9:GLY:O	17	2.44
(2,2)	1:A:42:GLY:C	2:B:10:GLU:C	17	2.44
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:C	2:B:10:GLU:H	17	2.44
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:C	2:B:10:GLU:N	17	2.44
(2,2)	1:A:42:GLY:C	2:B:10:GLU:O	17	2.44
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:11:GLU:C	17	2.44
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CB	17	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:C	2:B:11:GLU:H	17	2.44
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:C	2:B:11:GLU:N	17	2.44
(2,2)	1:A:42:GLY:C	2:B:11:GLU:O	17	2.44
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:12:TYR:C	17	2.44
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CA	17	2.44
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CB	17	2.44
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD1	17	2.44
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE1	17	2.44
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CG	17	2.44
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CZ	17	2.44
(2,2)	1:A:42:GLY:C	2:B:12:TYR:H	17	2.44
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HA	17	2.44
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB3	17	2.44
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD1	17	2.44
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE1	17	2.44
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE2	17	2.44
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HH	17	2.44
(2,2)	1:A:42:GLY:C	2:B:12:TYR:N	17	2.44
(2,2)	1:A:42:GLY:C	2:B:12:TYR:O	17	2.44
(2,2)	1:A:42:GLY:C	2:B:12:TYR:OH	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:C	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:H	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:N	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:O	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:C	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CA	17	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:H	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:N	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:O	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:C	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:H	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:N	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:O	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:C	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:H	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:N	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:O	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:C	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:H	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HA	17	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:N	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:O	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:C	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:H	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:N	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:O	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:C	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:H	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:N	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:O	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:C	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:H	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:N	17	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:O	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:C	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:H	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:N	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:O	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:C	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CA	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CB	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD1	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE1	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CG	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CZ	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:H	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HA	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB3	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD1	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE1	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE2	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HH	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:N	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:O	17	2.44
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:OH	17	2.44
(2,2)	1:A:42:GLY:H	2:B:3:GLY:C	17	2.44
(2,2)	1:A:42:GLY:H	2:B:3:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:H	2:B:3:GLY:H	17	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	17	2.44
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	17	2.44
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	17	2.44
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	17	2.44
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	17	2.44
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	17	2.44
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	17	2.44
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	17	2.44
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	17	2.44
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	17	2.44
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	17	2.44
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	17	2.44
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	17	2.44
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	17	2.44
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	17	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:H	2:B:7:GLU:H	17	2.44
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:H	2:B:7:GLU:N	17	2.44
(2,2)	1:A:42:GLY:H	2:B:7:GLU:O	17	2.44
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:8:GLU:C	17	2.44
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:H	2:B:8:GLU:H	17	2.44
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:H	2:B:8:GLU:N	17	2.44
(2,2)	1:A:42:GLY:H	2:B:8:GLU:O	17	2.44
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:9:GLY:C	17	2.44
(2,2)	1:A:42:GLY:H	2:B:9:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:H	2:B:9:GLY:H	17	2.44
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:H	2:B:9:GLY:N	17	2.44
(2,2)	1:A:42:GLY:H	2:B:9:GLY:O	17	2.44
(2,2)	1:A:42:GLY:H	2:B:10:GLU:C	17	2.44
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:H	2:B:10:GLU:H	17	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:H	2:B:10:GLU:N	17	2.44
(2,2)	1:A:42:GLY:H	2:B:10:GLU:O	17	2.44
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:11:GLU:C	17	2.44
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:H	2:B:11:GLU:H	17	2.44
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:H	2:B:11:GLU:N	17	2.44
(2,2)	1:A:42:GLY:H	2:B:11:GLU:O	17	2.44
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:12:TYR:C	17	2.44
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CA	17	2.44
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CB	17	2.44
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD1	17	2.44
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE1	17	2.44
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CG	17	2.44
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CZ	17	2.44
(2,2)	1:A:42:GLY:H	2:B:12:TYR:H	17	2.44
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HA	17	2.44
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB3	17	2.44
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD1	17	2.44
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE1	17	2.44
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE2	17	2.44
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HH	17	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:12:TYR:N	17	2.44
(2,2)	1:A:42:GLY:H	2:B:12:TYR:O	17	2.44
(2,2)	1:A:42:GLY:H	2:B:12:TYR:OH	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:C	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:H	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:N	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:O	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:C	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:H	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:N	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:O	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:C	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:H	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:N	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:O	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:C	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:H	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG2	17	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:N	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:O	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:C	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:H	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:N	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:O	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:C	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:H	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:N	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:O	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:C	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:H	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:N	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:O	17	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:C	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:H	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:N	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:O	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:C	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:H	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:N	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:O	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:C	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CA	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CB	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD1	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE1	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CG	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CZ	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:H	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HA	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB2	17	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB3	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD1	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE1	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE2	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HH	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:N	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:O	17	2.44
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:OH	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:C	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:H	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:N	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:O	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:C	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:H	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:N	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:O	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:C	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:H	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:N	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:O	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:C	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CD	17	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:H	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:N	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:O	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:C	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:H	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:N	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:O	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:C	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:H	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:N	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:O	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:C	17	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	17	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CG	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CZ	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:H	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HA	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB3	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD1	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE1	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE2	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HH	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:N	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:O	17	2.44
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:OH	17	2.44
(2,2)	1:A:42:GLY:N	2:B:3:GLY:C	17	2.44
(2,2)	1:A:42:GLY:N	2:B:3:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:N	2:B:3:GLY:H	17	2.44
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:N	2:B:3:GLY:N	17	2.44
(2,2)	1:A:42:GLY:N	2:B:3:GLY:O	17	2.44
(2,2)	1:A:42:GLY:N	2:B:4:GLU:C	17	2.44
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:N	2:B:4:GLU:H	17	2.44
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:N	2:B:4:GLU:N	17	2.44
(2,2)	1:A:42:GLY:N	2:B:4:GLU:O	17	2.44
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:5:GLY:C	17	2.44
(2,2)	1:A:42:GLY:N	2:B:5:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:N	2:B:5:GLY:H	17	2.44
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA3	17	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:5:GLY:N	17	2.44
(2,2)	1:A:42:GLY:N	2:B:5:GLY:O	17	2.44
(2,2)	1:A:42:GLY:N	2:B:6:GLU:C	17	2.44
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:N	2:B:6:GLU:H	17	2.44
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:N	2:B:6:GLU:N	17	2.44
(2,2)	1:A:42:GLY:N	2:B:6:GLU:O	17	2.44
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:7:GLU:C	17	2.44
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:N	2:B:7:GLU:H	17	2.44
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:N	2:B:7:GLU:N	17	2.44
(2,2)	1:A:42:GLY:N	2:B:7:GLU:O	17	2.44
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:8:GLU:C	17	2.44
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:N	2:B:8:GLU:H	17	2.44
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG2	17	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	17	2.44
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	17	2.44
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	17	2.44
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	17	2.44
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	17	2.44
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	17	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	17	2.44
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CA	17	2.44
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CB	17	2.44
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD1	17	2.44
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE1	17	2.44
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CG	17	2.44
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CZ	17	2.44
(2,2)	1:A:42:GLY:N	2:B:12:TYR:H	17	2.44
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HA	17	2.44
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB3	17	2.44
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD1	17	2.44
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE1	17	2.44
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE2	17	2.44
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HH	17	2.44
(2,2)	1:A:42:GLY:N	2:B:12:TYR:N	17	2.44
(2,2)	1:A:42:GLY:N	2:B:12:TYR:O	17	2.44
(2,2)	1:A:42:GLY:N	2:B:12:TYR:OH	17	2.44
(2,2)	1:A:42:GLY:O	2:B:3:GLY:C	17	2.44
(2,2)	1:A:42:GLY:O	2:B:3:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:O	2:B:3:GLY:H	17	2.44
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:O	2:B:3:GLY:N	17	2.44
(2,2)	1:A:42:GLY:O	2:B:3:GLY:O	17	2.44
(2,2)	1:A:42:GLY:O	2:B:4:GLU:C	17	2.44
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:O	2:B:4:GLU:H	17	2.44
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:O	2:B:4:GLU:N	17	2.44
(2,2)	1:A:42:GLY:O	2:B:4:GLU:O	17	2.44
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE1	17	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:5:GLY:C	17	2.44
(2,2)	1:A:42:GLY:O	2:B:5:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:O	2:B:5:GLY:H	17	2.44
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:O	2:B:5:GLY:N	17	2.44
(2,2)	1:A:42:GLY:O	2:B:5:GLY:O	17	2.44
(2,2)	1:A:42:GLY:O	2:B:6:GLU:C	17	2.44
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:O	2:B:6:GLU:H	17	2.44
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:O	2:B:6:GLU:N	17	2.44
(2,2)	1:A:42:GLY:O	2:B:6:GLU:O	17	2.44
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:7:GLU:C	17	2.44
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:O	2:B:7:GLU:H	17	2.44
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:O	2:B:7:GLU:N	17	2.44
(2,2)	1:A:42:GLY:O	2:B:7:GLU:O	17	2.44
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:8:GLU:C	17	2.44
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CD	17	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:O	2:B:8:GLU:H	17	2.44
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:O	2:B:8:GLU:N	17	2.44
(2,2)	1:A:42:GLY:O	2:B:8:GLU:O	17	2.44
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:9:GLY:C	17	2.44
(2,2)	1:A:42:GLY:O	2:B:9:GLY:CA	17	2.44
(2,2)	1:A:42:GLY:O	2:B:9:GLY:H	17	2.44
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA3	17	2.44
(2,2)	1:A:42:GLY:O	2:B:9:GLY:N	17	2.44
(2,2)	1:A:42:GLY:O	2:B:9:GLY:O	17	2.44
(2,2)	1:A:42:GLY:O	2:B:10:GLU:C	17	2.44
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:O	2:B:10:GLU:H	17	2.44
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB3	17	2.44
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:O	2:B:10:GLU:N	17	2.44
(2,2)	1:A:42:GLY:O	2:B:10:GLU:O	17	2.44
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:11:GLU:C	17	2.44
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CA	17	2.44
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CB	17	2.44
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CD	17	2.44
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CG	17	2.44
(2,2)	1:A:42:GLY:O	2:B:11:GLU:H	17	2.44
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HA	17	2.44
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB3	17	2.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG3	17	2.44
(2,2)	1:A:42:GLY:O	2:B:11:GLU:N	17	2.44
(2,2)	1:A:42:GLY:O	2:B:11:GLU:O	17	2.44
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE1	17	2.44
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:12:TYR:C	17	2.44
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CA	17	2.44
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CB	17	2.44
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD1	17	2.44
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE1	17	2.44
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CG	17	2.44
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CZ	17	2.44
(2,2)	1:A:42:GLY:O	2:B:12:TYR:H	17	2.44
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HA	17	2.44
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB3	17	2.44
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD1	17	2.44
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE1	17	2.44
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE2	17	2.44
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HH	17	2.44
(2,2)	1:A:42:GLY:O	2:B:12:TYR:N	17	2.44
(2,2)	1:A:42:GLY:O	2:B:12:TYR:O	17	2.44
(2,2)	1:A:42:GLY:O	2:B:12:TYR:OH	17	2.44
(1,8)	1:A:43:LYS:HG3	2:B:4:GLU:HA	14	2.41
(2,2)	1:A:42:GLY:C	2:B:3:GLY:C	14	2.22
(2,2)	1:A:42:GLY:C	2:B:3:GLY:CA	14	2.22
(2,2)	1:A:42:GLY:C	2:B:3:GLY:H	14	2.22
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:C	2:B:3:GLY:N	14	2.22
(2,2)	1:A:42:GLY:C	2:B:3:GLY:O	14	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:C	14	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:H	14	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HA	14	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:N	14	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:O	14	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:5:GLY:C	14	2.22
(2,2)	1:A:42:GLY:C	2:B:5:GLY:CA	14	2.22
(2,2)	1:A:42:GLY:C	2:B:5:GLY:H	14	2.22
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:C	2:B:5:GLY:N	14	2.22
(2,2)	1:A:42:GLY:C	2:B:5:GLY:O	14	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:C	14	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:H	14	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:N	14	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:O	14	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:C	14	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:H	14	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:N	14	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:7:GLU:O	14	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:C	14	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:H	14	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:N	14	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:O	14	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:9:GLY:C	14	2.22
(2,2)	1:A:42:GLY:C	2:B:9:GLY:CA	14	2.22
(2,2)	1:A:42:GLY:C	2:B:9:GLY:H	14	2.22
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:C	2:B:9:GLY:N	14	2.22
(2,2)	1:A:42:GLY:C	2:B:9:GLY:O	14	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:C	14	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:H	14	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:N	14	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:O	14	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:C	14	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CA	14	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:H	14	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:N	14	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:O	14	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:C	14	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CA	14	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CB	14	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD1	14	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE1	14	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CG	14	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CZ	14	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:H	14	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HA	14	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB3	14	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD1	14	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE1	14	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE2	14	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HH	14	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:N	14	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:O	14	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:OH	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:C	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:CA	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:H	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:N	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:O	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:C	14	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:H	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:N	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:O	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:C	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:CA	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:H	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:N	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:O	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:C	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:H	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:N	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:O	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:C	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:H	14	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:N	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:O	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:C	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:H	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:N	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:O	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:C	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:CA	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:H	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:N	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:O	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:C	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:H	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG3	14	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:N	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:O	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:C	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:H	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:N	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:O	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:C	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CA	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CB	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD1	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE1	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CG	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CZ	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:H	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HA	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB3	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD1	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE1	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE2	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HH	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:N	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:O	14	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:OH	14	2.22
(2,2)	1:A:42:GLY:H	2:B:3:GLY:C	14	2.22
(2,2)	1:A:42:GLY:H	2:B:3:GLY:CA	14	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:3:GLY:H	14	2.22
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	14	2.22
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	14	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	14	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	14	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	14	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	14	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	14	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:H	14	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:N	14	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:O	14	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:C	14	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:H	14	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:N	14	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:O	14	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:9:GLY:C	14	2.22
(2,2)	1:A:42:GLY:H	2:B:9:GLY:CA	14	2.22
(2,2)	1:A:42:GLY:H	2:B:9:GLY:H	14	2.22
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:H	2:B:9:GLY:N	14	2.22
(2,2)	1:A:42:GLY:H	2:B:9:GLY:O	14	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:C	14	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CG	14	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:10:GLU:H	14	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:N	14	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:O	14	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:C	14	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:H	14	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:N	14	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:O	14	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:C	14	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CA	14	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CB	14	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD1	14	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE1	14	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CG	14	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CZ	14	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:H	14	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HA	14	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB3	14	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD1	14	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD2	14	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE1	14	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE2	14	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HH	14	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:N	14	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:O	14	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:OH	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:C	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:CA	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:H	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:N	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:O	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:C	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:H	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:N	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:O	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:C	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:CA	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:H	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:N	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:O	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:C	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:H	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB3	14	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:N	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:O	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:C	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:H	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:N	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:O	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:C	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:H	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:N	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:O	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:C	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:CA	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:H	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:N	14	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:O	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:C	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:H	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:N	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:O	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:C	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:H	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:N	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:O	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:C	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CA	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CB	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD1	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE1	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CG	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CZ	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:H	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HA	14	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB3	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD1	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE1	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE2	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HH	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:N	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:O	14	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:OH	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:C	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:CA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:H	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:N	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:O	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:C	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:H	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:N	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:O	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:C	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:CA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:H	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:N	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:O	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:C	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CB	14	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:H	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:N	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:O	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:C	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:H	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:N	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:O	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:C	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:H	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:N	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:O	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE2	14	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:C	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	14	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CG	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CZ	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:H	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HA	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB3	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD1	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE1	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE2	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HH	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:N	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:O	14	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:OH	14	2.22
(2,2)	1:A:42:GLY:N	2:B:3:GLY:C	14	2.22
(2,2)	1:A:42:GLY:N	2:B:3:GLY:CA	14	2.22
(2,2)	1:A:42:GLY:N	2:B:3:GLY:H	14	2.22
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:N	2:B:3:GLY:N	14	2.22
(2,2)	1:A:42:GLY:N	2:B:3:GLY:O	14	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:C	14	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:H	14	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:N	14	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:O	14	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:5:GLY:C	14	2.22
(2,2)	1:A:42:GLY:N	2:B:5:GLY:CA	14	2.22
(2,2)	1:A:42:GLY:N	2:B:5:GLY:H	14	2.22
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA2	14	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:N	2:B:5:GLY:N	14	2.22
(2,2)	1:A:42:GLY:N	2:B:5:GLY:O	14	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:C	14	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:H	14	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:N	14	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:O	14	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:C	14	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:H	14	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:N	14	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:O	14	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:C	14	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:H	14	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB3	14	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	14	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	14	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	14	2.22
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	14	2.22
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	14	2.22
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	14	2.22
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	14	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	14	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	14	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	14	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	14	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	14	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	14	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	14	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	14	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	14	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	14	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CA	14	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CB	14	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD1	14	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE1	14	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CG	14	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CZ	14	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:H	14	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HA	14	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB3	14	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD1	14	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE1	14	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE2	14	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HH	14	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:N	14	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:O	14	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:OH	14	2.22
(2,2)	1:A:42:GLY:O	2:B:3:GLY:C	14	2.22
(2,2)	1:A:42:GLY:O	2:B:3:GLY:CA	14	2.22
(2,2)	1:A:42:GLY:O	2:B:3:GLY:H	14	2.22
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:O	2:B:3:GLY:N	14	2.22
(2,2)	1:A:42:GLY:O	2:B:3:GLY:O	14	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:C	14	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:H	14	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:N	14	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:O	14	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:5:GLY:C	14	2.22
(2,2)	1:A:42:GLY:O	2:B:5:GLY:CA	14	2.22
(2,2)	1:A:42:GLY:O	2:B:5:GLY:H	14	2.22
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:O	2:B:5:GLY:N	14	2.22
(2,2)	1:A:42:GLY:O	2:B:5:GLY:O	14	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:C	14	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:H	14	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:N	14	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:O	14	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:C	14	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:H	14	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:N	14	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:O	14	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:C	14	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CB	14	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:H	14	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:N	14	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:O	14	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:9:GLY:C	14	2.22
(2,2)	1:A:42:GLY:O	2:B:9:GLY:CA	14	2.22
(2,2)	1:A:42:GLY:O	2:B:9:GLY:H	14	2.22
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA3	14	2.22
(2,2)	1:A:42:GLY:O	2:B:9:GLY:N	14	2.22
(2,2)	1:A:42:GLY:O	2:B:9:GLY:O	14	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:C	14	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:H	14	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:N	14	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:O	14	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:C	14	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CA	14	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CB	14	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CD	14	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CG	14	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:H	14	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HA	14	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB2	14	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB3	14	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG3	14	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:N	14	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:O	14	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE1	14	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:C	14	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CA	14	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CB	14	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD1	14	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE1	14	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CG	14	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CZ	14	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:H	14	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HA	14	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB3	14	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD1	14	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE1	14	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE2	14	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HH	14	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:N	14	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:O	14	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:OH	14	2.22
(2,2)	1:A:42:GLY:C	2:B:3:GLY:C	18	2.22
(2,2)	1:A:42:GLY:C	2:B:3:GLY:CA	18	2.22
(2,2)	1:A:42:GLY:C	2:B:3:GLY:H	18	2.22
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:C	2:B:3:GLY:N	18	2.22
(2,2)	1:A:42:GLY:C	2:B:3:GLY:O	18	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:C	18	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:H	18	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HA	18	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:N	18	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:O	18	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:5:GLY:C	18	2.22
(2,2)	1:A:42:GLY:C	2:B:5:GLY:CA	18	2.22
(2,2)	1:A:42:GLY:C	2:B:5:GLY:H	18	2.22
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:C	2:B:5:GLY:N	18	2.22
(2,2)	1:A:42:GLY:C	2:B:5:GLY:O	18	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:C	18	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:H	18	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:N	18	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:O	18	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:C	18	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:H	18	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:N	18	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:7:GLU:O	18	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:C	18	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:H	18	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:N	18	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:O	18	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:9:GLY:C	18	2.22
(2,2)	1:A:42:GLY:C	2:B:9:GLY:CA	18	2.22
(2,2)	1:A:42:GLY:C	2:B:9:GLY:H	18	2.22
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:C	2:B:9:GLY:N	18	2.22
(2,2)	1:A:42:GLY:C	2:B:9:GLY:O	18	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:C	18	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:H	18	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:N	18	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:O	18	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:C	18	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CA	18	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:H	18	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:N	18	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:O	18	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:C	18	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CA	18	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CB	18	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD1	18	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE1	18	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CG	18	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CZ	18	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:H	18	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HA	18	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB3	18	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD1	18	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE1	18	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE2	18	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HH	18	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:N	18	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:O	18	2.22
(2,2)	1:A:42:GLY:C	2:B:12:TYR:OH	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:C	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:CA	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:H	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:N	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:O	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:C	18	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:H	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:N	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:O	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:C	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:CA	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:H	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:N	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:O	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:C	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:H	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:N	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:O	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:C	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:H	18	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:N	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:O	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:C	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:H	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:N	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:O	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:C	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:CA	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:H	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:N	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:O	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:C	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:H	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG3	18	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:N	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:O	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:C	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:H	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:N	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:O	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:C	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CA	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CB	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD1	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE1	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CG	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CZ	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:H	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HA	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB3	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD1	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE1	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE2	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HH	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:N	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:O	18	2.22
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:OH	18	2.22
(2,2)	1:A:42:GLY:H	2:B:3:GLY:C	18	2.22
(2,2)	1:A:42:GLY:H	2:B:3:GLY:CA	18	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:3:GLY:H	18	2.22
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	18	2.22
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	18	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	18	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	18	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	18	2.22
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	18	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	18	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:H	18	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:N	18	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:O	18	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:C	18	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:H	18	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:N	18	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:O	18	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:9:GLY:C	18	2.22
(2,2)	1:A:42:GLY:H	2:B:9:GLY:CA	18	2.22
(2,2)	1:A:42:GLY:H	2:B:9:GLY:H	18	2.22
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:H	2:B:9:GLY:N	18	2.22
(2,2)	1:A:42:GLY:H	2:B:9:GLY:O	18	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:C	18	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CG	18	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:10:GLU:H	18	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:N	18	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:O	18	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:C	18	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:H	18	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:N	18	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:O	18	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:C	18	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CA	18	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CB	18	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD1	18	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE1	18	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CG	18	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CZ	18	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:H	18	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HA	18	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB3	18	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD1	18	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD2	18	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE1	18	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE2	18	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HH	18	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:N	18	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:O	18	2.22
(2,2)	1:A:42:GLY:H	2:B:12:TYR:OH	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:C	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:CA	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:H	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:N	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:O	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:C	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:H	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:N	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:O	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:C	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:CA	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:H	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:N	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:O	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:C	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:H	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB3	18	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:N	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:O	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:C	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:H	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:N	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:O	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:C	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:H	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:N	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:O	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:C	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:CA	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:H	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:N	18	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:O	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:C	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:H	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:N	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:O	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:C	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:H	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:N	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:O	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:C	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CA	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CB	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD1	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE1	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CG	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CZ	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:H	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HA	18	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB3	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD1	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE1	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE2	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HH	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:N	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:O	18	2.22
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:OH	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:C	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:CA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:H	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:N	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:O	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:C	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:H	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:N	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:O	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:C	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:CA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:H	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:N	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:O	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:C	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CB	18	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:H	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:N	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:O	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:C	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:H	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:N	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:O	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:C	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:H	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:N	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:O	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE2	18	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:C	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	18	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CG	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CZ	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:H	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HA	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB3	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD1	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE1	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE2	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HH	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:N	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:O	18	2.22
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:OH	18	2.22
(2,2)	1:A:42:GLY:N	2:B:3:GLY:C	18	2.22
(2,2)	1:A:42:GLY:N	2:B:3:GLY:CA	18	2.22
(2,2)	1:A:42:GLY:N	2:B:3:GLY:H	18	2.22
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:N	2:B:3:GLY:N	18	2.22
(2,2)	1:A:42:GLY:N	2:B:3:GLY:O	18	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:C	18	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:H	18	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:N	18	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:O	18	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:5:GLY:C	18	2.22
(2,2)	1:A:42:GLY:N	2:B:5:GLY:CA	18	2.22
(2,2)	1:A:42:GLY:N	2:B:5:GLY:H	18	2.22
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA2	18	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:N	2:B:5:GLY:N	18	2.22
(2,2)	1:A:42:GLY:N	2:B:5:GLY:O	18	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:C	18	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:H	18	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:N	18	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:O	18	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:C	18	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:H	18	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:N	18	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:O	18	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:C	18	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:H	18	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB3	18	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	18	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	18	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	18	2.22
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	18	2.22
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	18	2.22
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	18	2.22
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	18	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	18	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	18	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	18	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	18	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	18	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	18	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	18	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	18	2.22
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	18	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	18	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CA	18	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CB	18	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD1	18	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE1	18	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CG	18	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CZ	18	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:H	18	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HA	18	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB3	18	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD1	18	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE1	18	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE2	18	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HH	18	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:N	18	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:O	18	2.22
(2,2)	1:A:42:GLY:N	2:B:12:TYR:OH	18	2.22
(2,2)	1:A:42:GLY:O	2:B:3:GLY:C	18	2.22
(2,2)	1:A:42:GLY:O	2:B:3:GLY:CA	18	2.22
(2,2)	1:A:42:GLY:O	2:B:3:GLY:H	18	2.22
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:O	2:B:3:GLY:N	18	2.22
(2,2)	1:A:42:GLY:O	2:B:3:GLY:O	18	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:C	18	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:H	18	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:N	18	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:O	18	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:5:GLY:C	18	2.22
(2,2)	1:A:42:GLY:O	2:B:5:GLY:CA	18	2.22
(2,2)	1:A:42:GLY:O	2:B:5:GLY:H	18	2.22
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:O	2:B:5:GLY:N	18	2.22
(2,2)	1:A:42:GLY:O	2:B:5:GLY:O	18	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:C	18	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:H	18	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:N	18	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:O	18	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:C	18	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:H	18	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:N	18	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:O	18	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:C	18	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CB	18	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:H	18	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:N	18	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:O	18	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:9:GLY:C	18	2.22
(2,2)	1:A:42:GLY:O	2:B:9:GLY:CA	18	2.22
(2,2)	1:A:42:GLY:O	2:B:9:GLY:H	18	2.22
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA3	18	2.22
(2,2)	1:A:42:GLY:O	2:B:9:GLY:N	18	2.22
(2,2)	1:A:42:GLY:O	2:B:9:GLY:O	18	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:C	18	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:H	18	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:N	18	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:O	18	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:C	18	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CA	18	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CB	18	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CD	18	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CG	18	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:H	18	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HA	18	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB2	18	2.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB3	18	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG3	18	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:N	18	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:O	18	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE1	18	2.22
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:C	18	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CA	18	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CB	18	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD1	18	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE1	18	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CG	18	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CZ	18	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:H	18	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HA	18	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB3	18	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD1	18	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE1	18	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE2	18	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HH	18	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:N	18	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:O	18	2.22
(2,2)	1:A:42:GLY:O	2:B:12:TYR:OH	18	2.22
(1,8)	1:A:43:LYS:HG3	2:B:4:GLU:HA	17	2.22
(2,2)	1:A:42:GLY:C	2:B:3:GLY:C	11	2.21
(2,2)	1:A:42:GLY:C	2:B:3:GLY:CA	11	2.21
(2,2)	1:A:42:GLY:C	2:B:3:GLY:H	11	2.21
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA3	11	2.21
(2,2)	1:A:42:GLY:C	2:B:3:GLY:N	11	2.21
(2,2)	1:A:42:GLY:C	2:B:3:GLY:O	11	2.21
(2,2)	1:A:42:GLY:C	2:B:4:GLU:C	11	2.21
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:C	2:B:4:GLU:H	11	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:C	2:B:4:GLU:N	11	2.21
(2,2)	1:A:42:GLY:C	2:B:4:GLU:O	11	2.21
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:5:GLY:C	11	2.21
(2,2)	1:A:42:GLY:C	2:B:5:GLY:CA	11	2.21
(2,2)	1:A:42:GLY:C	2:B:5:GLY:H	11	2.21
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA3	11	2.21
(2,2)	1:A:42:GLY:C	2:B:5:GLY:N	11	2.21
(2,2)	1:A:42:GLY:C	2:B:5:GLY:O	11	2.21
(2,2)	1:A:42:GLY:C	2:B:6:GLU:C	11	2.21
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:C	2:B:6:GLU:H	11	2.21
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:C	2:B:6:GLU:N	11	2.21
(2,2)	1:A:42:GLY:C	2:B:6:GLU:O	11	2.21
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:7:GLU:C	11	2.21
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:C	2:B:7:GLU:H	11	2.21
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG3	11	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:7:GLU:N	11	2.21
(2,2)	1:A:42:GLY:C	2:B:7:GLU:O	11	2.21
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:8:GLU:C	11	2.21
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:C	2:B:8:GLU:H	11	2.21
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:C	2:B:8:GLU:N	11	2.21
(2,2)	1:A:42:GLY:C	2:B:8:GLU:O	11	2.21
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:9:GLY:C	11	2.21
(2,2)	1:A:42:GLY:C	2:B:9:GLY:CA	11	2.21
(2,2)	1:A:42:GLY:C	2:B:9:GLY:H	11	2.21
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA3	11	2.21
(2,2)	1:A:42:GLY:C	2:B:9:GLY:N	11	2.21
(2,2)	1:A:42:GLY:C	2:B:9:GLY:O	11	2.21
(2,2)	1:A:42:GLY:C	2:B:10:GLU:C	11	2.21
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:C	2:B:10:GLU:H	11	2.21
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:C	2:B:10:GLU:N	11	2.21
(2,2)	1:A:42:GLY:C	2:B:10:GLU:O	11	2.21
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:11:GLU:C	11	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:C	2:B:11:GLU:H	11	2.21
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:C	2:B:11:GLU:N	11	2.21
(2,2)	1:A:42:GLY:C	2:B:11:GLU:O	11	2.21
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:12:TYR:C	11	2.21
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CA	11	2.21
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CB	11	2.21
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD1	11	2.21
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE1	11	2.21
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CG	11	2.21
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CZ	11	2.21
(2,2)	1:A:42:GLY:C	2:B:12:TYR:H	11	2.21
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HA	11	2.21
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB3	11	2.21
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD1	11	2.21
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE1	11	2.21
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE2	11	2.21
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HH	11	2.21
(2,2)	1:A:42:GLY:C	2:B:12:TYR:N	11	2.21
(2,2)	1:A:42:GLY:C	2:B:12:TYR:O	11	2.21
(2,2)	1:A:42:GLY:C	2:B:12:TYR:OH	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:C	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:CA	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:H	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA3	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:N	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:O	11	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:C	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:H	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:N	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:O	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:C	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:CA	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:H	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA3	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:N	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:O	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:C	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:H	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:N	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:O	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:C	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CG	11	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:H	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:N	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:O	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:C	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:H	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:N	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:O	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:C	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:CA	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:H	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA3	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:N	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:O	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:C	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:H	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG2	11	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:N	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:O	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:C	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:H	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:N	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:O	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:C	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CA	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CB	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD1	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE1	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CG	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CZ	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:H	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HA	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB3	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD1	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE1	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE2	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HH	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:N	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:O	11	2.21
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:OH	11	2.21
(2,2)	1:A:42:GLY:H	2:B:3:GLY:C	11	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:3:GLY:CA	11	2.21
(2,2)	1:A:42:GLY:H	2:B:3:GLY:H	11	2.21
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	11	2.21
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	11	2.21
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	11	2.21
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	11	2.21
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	11	2.21
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	11	2.21
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	11	2.21
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	11	2.21
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	11	2.21
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	11	2.21
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	11	2.21
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	11	2.21
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	11	2.21
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	11	2.21
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	11	2.21
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	11	2.21
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	11	2.21
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	11	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	11	2.21
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:H	2:B:7:GLU:H	11	2.21
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:H	2:B:7:GLU:N	11	2.21
(2,2)	1:A:42:GLY:H	2:B:7:GLU:O	11	2.21
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:8:GLU:C	11	2.21
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:H	2:B:8:GLU:H	11	2.21
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:H	2:B:8:GLU:N	11	2.21
(2,2)	1:A:42:GLY:H	2:B:8:GLU:O	11	2.21
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:9:GLY:C	11	2.21
(2,2)	1:A:42:GLY:H	2:B:9:GLY:CA	11	2.21
(2,2)	1:A:42:GLY:H	2:B:9:GLY:H	11	2.21
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA3	11	2.21
(2,2)	1:A:42:GLY:H	2:B:9:GLY:N	11	2.21
(2,2)	1:A:42:GLY:H	2:B:9:GLY:O	11	2.21
(2,2)	1:A:42:GLY:H	2:B:10:GLU:C	11	2.21
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CD	11	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:H	2:B:10:GLU:H	11	2.21
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:H	2:B:10:GLU:N	11	2.21
(2,2)	1:A:42:GLY:H	2:B:10:GLU:O	11	2.21
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:11:GLU:C	11	2.21
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:H	2:B:11:GLU:H	11	2.21
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:H	2:B:11:GLU:N	11	2.21
(2,2)	1:A:42:GLY:H	2:B:11:GLU:O	11	2.21
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:12:TYR:C	11	2.21
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CA	11	2.21
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CB	11	2.21
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD1	11	2.21
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE1	11	2.21
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CG	11	2.21
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CZ	11	2.21
(2,2)	1:A:42:GLY:H	2:B:12:TYR:H	11	2.21
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HA	11	2.21
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB3	11	2.21
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD1	11	2.21
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE1	11	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE2	11	2.21
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HH	11	2.21
(2,2)	1:A:42:GLY:H	2:B:12:TYR:N	11	2.21
(2,2)	1:A:42:GLY:H	2:B:12:TYR:O	11	2.21
(2,2)	1:A:42:GLY:H	2:B:12:TYR:OH	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:C	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:CA	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:H	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA3	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:N	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:O	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:C	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:H	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:N	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:O	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:C	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:CA	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:H	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA3	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:N	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:O	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:C	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:H	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB2	11	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:N	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:O	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:C	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:H	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:N	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:O	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:C	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:H	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:N	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:O	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:C	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:CA	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:H	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA3	11	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:N	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:O	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:C	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:H	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:N	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:O	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:C	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:H	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:N	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:O	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:C	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CA	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CB	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD1	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE1	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CG	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CZ	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:H	11	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HA	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB3	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD1	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE1	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE2	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HH	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:N	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:O	11	2.21
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:OH	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:C	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:CA	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:H	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA3	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:N	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:O	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:C	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:H	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:N	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:O	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:C	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:CA	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:H	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA3	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:N	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:O	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:C	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CA	11	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:H	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:N	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:O	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:C	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:H	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:N	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:O	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:C	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:H	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:N	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:O	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE1	11	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:C	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	11	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CG	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CZ	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:H	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HA	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB3	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD1	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE1	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE2	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HH	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:N	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:O	11	2.21
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:OH	11	2.21
(2,2)	1:A:42:GLY:N	2:B:3:GLY:C	11	2.21
(2,2)	1:A:42:GLY:N	2:B:3:GLY:CA	11	2.21
(2,2)	1:A:42:GLY:N	2:B:3:GLY:H	11	2.21
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA3	11	2.21
(2,2)	1:A:42:GLY:N	2:B:3:GLY:N	11	2.21
(2,2)	1:A:42:GLY:N	2:B:3:GLY:O	11	2.21
(2,2)	1:A:42:GLY:N	2:B:4:GLU:C	11	2.21
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:N	2:B:4:GLU:H	11	2.21
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:N	2:B:4:GLU:N	11	2.21
(2,2)	1:A:42:GLY:N	2:B:4:GLU:O	11	2.21
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:5:GLY:C	11	2.21
(2,2)	1:A:42:GLY:N	2:B:5:GLY:CA	11	2.21
(2,2)	1:A:42:GLY:N	2:B:5:GLY:H	11	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA3	11	2.21
(2,2)	1:A:42:GLY:N	2:B:5:GLY:N	11	2.21
(2,2)	1:A:42:GLY:N	2:B:5:GLY:O	11	2.21
(2,2)	1:A:42:GLY:N	2:B:6:GLU:C	11	2.21
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:N	2:B:6:GLU:H	11	2.21
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:N	2:B:6:GLU:N	11	2.21
(2,2)	1:A:42:GLY:N	2:B:6:GLU:O	11	2.21
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:7:GLU:C	11	2.21
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:N	2:B:7:GLU:H	11	2.21
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:N	2:B:7:GLU:N	11	2.21
(2,2)	1:A:42:GLY:N	2:B:7:GLU:O	11	2.21
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:8:GLU:C	11	2.21
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:N	2:B:8:GLU:H	11	2.21
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB2	11	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	11	2.21
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	11	2.21
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	11	2.21
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	11	2.21
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	11	2.21
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	11	2.21
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	11	2.21
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	11	2.21
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	11	2.21
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	11	2.21
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	11	2.21
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	11	2.21
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	11	2.21
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	11	2.21
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	11	2.21
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	11	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	11	2.21
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CA	11	2.21
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CB	11	2.21
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD1	11	2.21
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE1	11	2.21
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CG	11	2.21
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CZ	11	2.21
(2,2)	1:A:42:GLY:N	2:B:12:TYR:H	11	2.21
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HA	11	2.21
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB3	11	2.21
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD1	11	2.21
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE1	11	2.21
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE2	11	2.21
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HH	11	2.21
(2,2)	1:A:42:GLY:N	2:B:12:TYR:N	11	2.21
(2,2)	1:A:42:GLY:N	2:B:12:TYR:O	11	2.21
(2,2)	1:A:42:GLY:N	2:B:12:TYR:OH	11	2.21
(2,2)	1:A:42:GLY:O	2:B:3:GLY:C	11	2.21
(2,2)	1:A:42:GLY:O	2:B:3:GLY:CA	11	2.21
(2,2)	1:A:42:GLY:O	2:B:3:GLY:H	11	2.21
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA3	11	2.21
(2,2)	1:A:42:GLY:O	2:B:3:GLY:N	11	2.21
(2,2)	1:A:42:GLY:O	2:B:3:GLY:O	11	2.21
(2,2)	1:A:42:GLY:O	2:B:4:GLU:C	11	2.21
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:O	2:B:4:GLU:H	11	2.21
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:O	2:B:4:GLU:N	11	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:4:GLU:O	11	2.21
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:5:GLY:C	11	2.21
(2,2)	1:A:42:GLY:O	2:B:5:GLY:CA	11	2.21
(2,2)	1:A:42:GLY:O	2:B:5:GLY:H	11	2.21
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA3	11	2.21
(2,2)	1:A:42:GLY:O	2:B:5:GLY:N	11	2.21
(2,2)	1:A:42:GLY:O	2:B:5:GLY:O	11	2.21
(2,2)	1:A:42:GLY:O	2:B:6:GLU:C	11	2.21
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:O	2:B:6:GLU:H	11	2.21
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:O	2:B:6:GLU:N	11	2.21
(2,2)	1:A:42:GLY:O	2:B:6:GLU:O	11	2.21
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:7:GLU:C	11	2.21
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:O	2:B:7:GLU:H	11	2.21
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:O	2:B:7:GLU:N	11	2.21
(2,2)	1:A:42:GLY:O	2:B:7:GLU:O	11	2.21
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:8:GLU:C	11	2.21
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CA	11	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:O	2:B:8:GLU:H	11	2.21
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:O	2:B:8:GLU:N	11	2.21
(2,2)	1:A:42:GLY:O	2:B:8:GLU:O	11	2.21
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:9:GLY:C	11	2.21
(2,2)	1:A:42:GLY:O	2:B:9:GLY:CA	11	2.21
(2,2)	1:A:42:GLY:O	2:B:9:GLY:H	11	2.21
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA3	11	2.21
(2,2)	1:A:42:GLY:O	2:B:9:GLY:N	11	2.21
(2,2)	1:A:42:GLY:O	2:B:9:GLY:O	11	2.21
(2,2)	1:A:42:GLY:O	2:B:10:GLU:C	11	2.21
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:O	2:B:10:GLU:H	11	2.21
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HA	11	2.21
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:O	2:B:10:GLU:N	11	2.21
(2,2)	1:A:42:GLY:O	2:B:10:GLU:O	11	2.21
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:11:GLU:C	11	2.21
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CA	11	2.21
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CB	11	2.21
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CD	11	2.21
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CG	11	2.21
(2,2)	1:A:42:GLY:O	2:B:11:GLU:H	11	2.21
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HA	11	2.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB3	11	2.21
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG3	11	2.21
(2,2)	1:A:42:GLY:O	2:B:11:GLU:N	11	2.21
(2,2)	1:A:42:GLY:O	2:B:11:GLU:O	11	2.21
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE1	11	2.21
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:12:TYR:C	11	2.21
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CA	11	2.21
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CB	11	2.21
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD1	11	2.21
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE1	11	2.21
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CG	11	2.21
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CZ	11	2.21
(2,2)	1:A:42:GLY:O	2:B:12:TYR:H	11	2.21
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HA	11	2.21
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB3	11	2.21
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD1	11	2.21
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE1	11	2.21
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE2	11	2.21
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HH	11	2.21
(2,2)	1:A:42:GLY:O	2:B:12:TYR:N	11	2.21
(2,2)	1:A:42:GLY:O	2:B:12:TYR:O	11	2.21
(2,2)	1:A:42:GLY:O	2:B:12:TYR:OH	11	2.21
(1,8)	1:A:43:LYS:HG3	2:B:4:GLU:HA	6	2.19
(2,2)	1:A:42:GLY:C	2:B:3:GLY:C	6	2.13
(2,2)	1:A:42:GLY:C	2:B:3:GLY:CA	6	2.13
(2,2)	1:A:42:GLY:C	2:B:3:GLY:H	6	2.13
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA3	6	2.13
(2,2)	1:A:42:GLY:C	2:B:3:GLY:N	6	2.13
(2,2)	1:A:42:GLY:C	2:B:3:GLY:O	6	2.13
(2,2)	1:A:42:GLY:C	2:B:4:GLU:C	6	2.13
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CG	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:4:GLU:H	6	2.13
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:C	2:B:4:GLU:N	6	2.13
(2,2)	1:A:42:GLY:C	2:B:4:GLU:O	6	2.13
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:5:GLY:C	6	2.13
(2,2)	1:A:42:GLY:C	2:B:5:GLY:CA	6	2.13
(2,2)	1:A:42:GLY:C	2:B:5:GLY:H	6	2.13
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA3	6	2.13
(2,2)	1:A:42:GLY:C	2:B:5:GLY:N	6	2.13
(2,2)	1:A:42:GLY:C	2:B:5:GLY:O	6	2.13
(2,2)	1:A:42:GLY:C	2:B:6:GLU:C	6	2.13
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:C	2:B:6:GLU:H	6	2.13
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:C	2:B:6:GLU:N	6	2.13
(2,2)	1:A:42:GLY:C	2:B:6:GLU:O	6	2.13
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:7:GLU:C	6	2.13
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:C	2:B:7:GLU:H	6	2.13
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG2	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:C	2:B:7:GLU:N	6	2.13
(2,2)	1:A:42:GLY:C	2:B:7:GLU:O	6	2.13
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:8:GLU:C	6	2.13
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:C	2:B:8:GLU:H	6	2.13
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:C	2:B:8:GLU:N	6	2.13
(2,2)	1:A:42:GLY:C	2:B:8:GLU:O	6	2.13
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:9:GLY:C	6	2.13
(2,2)	1:A:42:GLY:C	2:B:9:GLY:CA	6	2.13
(2,2)	1:A:42:GLY:C	2:B:9:GLY:H	6	2.13
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA3	6	2.13
(2,2)	1:A:42:GLY:C	2:B:9:GLY:N	6	2.13
(2,2)	1:A:42:GLY:C	2:B:9:GLY:O	6	2.13
(2,2)	1:A:42:GLY:C	2:B:10:GLU:C	6	2.13
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:C	2:B:10:GLU:H	6	2.13
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:C	2:B:10:GLU:N	6	2.13
(2,2)	1:A:42:GLY:C	2:B:10:GLU:O	6	2.13
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE2	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:11:GLU:C	6	2.13
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:C	2:B:11:GLU:H	6	2.13
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:C	2:B:11:GLU:N	6	2.13
(2,2)	1:A:42:GLY:C	2:B:11:GLU:O	6	2.13
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:12:TYR:C	6	2.13
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CA	6	2.13
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CB	6	2.13
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD1	6	2.13
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE1	6	2.13
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CG	6	2.13
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CZ	6	2.13
(2,2)	1:A:42:GLY:C	2:B:12:TYR:H	6	2.13
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HA	6	2.13
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB3	6	2.13
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD1	6	2.13
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE1	6	2.13
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE2	6	2.13
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HH	6	2.13
(2,2)	1:A:42:GLY:C	2:B:12:TYR:N	6	2.13
(2,2)	1:A:42:GLY:C	2:B:12:TYR:O	6	2.13
(2,2)	1:A:42:GLY:C	2:B:12:TYR:OH	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:C	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:CA	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:H	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA3	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:N	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:O	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:C	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:H	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:N	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:O	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:C	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:CA	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:H	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA3	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:N	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:O	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:C	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:H	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:N	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:O	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:C	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CD	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:H	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:N	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:O	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:C	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:H	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:N	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:O	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:C	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:CA	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:H	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA3	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:N	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:O	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:C	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:H	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB3	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:N	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:O	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:C	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:H	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:N	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:O	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:C	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CA	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CB	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD1	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE1	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CG	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CZ	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:H	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HA	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB3	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD1	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE1	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE2	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HH	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:N	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:O	6	2.13
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:OH	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:3:GLY:C	6	2.13
(2,2)	1:A:42:GLY:H	2:B:3:GLY:CA	6	2.13
(2,2)	1:A:42:GLY:H	2:B:3:GLY:H	6	2.13
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	6	2.13
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	6	2.13
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	6	2.13
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	6	2.13
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	6	2.13
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	6	2.13
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	6	2.13
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	6	2.13
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	6	2.13
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	6	2.13
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	6	2.13
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	6	2.13
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	6	2.13
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	6	2.13
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	6	2.13
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	6	2.13
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	6	2.13
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:H	2:B:7:GLU:H	6	2.13
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:H	2:B:7:GLU:N	6	2.13
(2,2)	1:A:42:GLY:H	2:B:7:GLU:O	6	2.13
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:8:GLU:C	6	2.13
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:H	2:B:8:GLU:H	6	2.13
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:H	2:B:8:GLU:N	6	2.13
(2,2)	1:A:42:GLY:H	2:B:8:GLU:O	6	2.13
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:9:GLY:C	6	2.13
(2,2)	1:A:42:GLY:H	2:B:9:GLY:CA	6	2.13
(2,2)	1:A:42:GLY:H	2:B:9:GLY:H	6	2.13
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA3	6	2.13
(2,2)	1:A:42:GLY:H	2:B:9:GLY:N	6	2.13
(2,2)	1:A:42:GLY:H	2:B:9:GLY:O	6	2.13
(2,2)	1:A:42:GLY:H	2:B:10:GLU:C	6	2.13
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CB	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:H	2:B:10:GLU:H	6	2.13
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:H	2:B:10:GLU:N	6	2.13
(2,2)	1:A:42:GLY:H	2:B:10:GLU:O	6	2.13
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:11:GLU:C	6	2.13
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:H	2:B:11:GLU:H	6	2.13
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:H	2:B:11:GLU:N	6	2.13
(2,2)	1:A:42:GLY:H	2:B:11:GLU:O	6	2.13
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:12:TYR:C	6	2.13
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CA	6	2.13
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CB	6	2.13
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD1	6	2.13
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE1	6	2.13
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CG	6	2.13
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CZ	6	2.13
(2,2)	1:A:42:GLY:H	2:B:12:TYR:H	6	2.13
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HA	6	2.13
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB3	6	2.13
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD1	6	2.13
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD2	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE1	6	2.13
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE2	6	2.13
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HH	6	2.13
(2,2)	1:A:42:GLY:H	2:B:12:TYR:N	6	2.13
(2,2)	1:A:42:GLY:H	2:B:12:TYR:O	6	2.13
(2,2)	1:A:42:GLY:H	2:B:12:TYR:OH	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:C	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:CA	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:H	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA3	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:N	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:O	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:C	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:H	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:N	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:O	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:C	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:CA	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:H	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA3	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:N	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:O	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:C	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:H	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HA	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:N	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:O	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:C	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:H	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:N	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:O	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:C	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:H	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:N	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:O	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:C	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:CA	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:H	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA2	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA3	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:N	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:O	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:C	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:H	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:N	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:O	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:C	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:H	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:N	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:O	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:C	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CA	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CB	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD1	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE1	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CG	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CZ	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:H	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HA	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB3	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD1	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE1	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE2	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HH	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:N	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:O	6	2.13
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:OH	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:C	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:CA	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:H	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA3	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:N	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:O	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:C	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:H	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:N	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:O	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:C	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:CA	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:H	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA3	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:N	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:O	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:C	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:H	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:N	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:O	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:C	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:H	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:N	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:O	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:C	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:H	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:N	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:O	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:C	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CG	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CZ	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:H	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HA	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB3	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD1	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE1	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE2	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HH	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:N	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:O	6	2.13
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:OH	6	2.13
(2,2)	1:A:42:GLY:N	2:B:3:GLY:C	6	2.13
(2,2)	1:A:42:GLY:N	2:B:3:GLY:CA	6	2.13
(2,2)	1:A:42:GLY:N	2:B:3:GLY:H	6	2.13
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA3	6	2.13
(2,2)	1:A:42:GLY:N	2:B:3:GLY:N	6	2.13
(2,2)	1:A:42:GLY:N	2:B:3:GLY:O	6	2.13
(2,2)	1:A:42:GLY:N	2:B:4:GLU:C	6	2.13
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:N	2:B:4:GLU:H	6	2.13
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:N	2:B:4:GLU:N	6	2.13
(2,2)	1:A:42:GLY:N	2:B:4:GLU:O	6	2.13
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:5:GLY:C	6	2.13
(2,2)	1:A:42:GLY:N	2:B:5:GLY:CA	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:5:GLY:H	6	2.13
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA3	6	2.13
(2,2)	1:A:42:GLY:N	2:B:5:GLY:N	6	2.13
(2,2)	1:A:42:GLY:N	2:B:5:GLY:O	6	2.13
(2,2)	1:A:42:GLY:N	2:B:6:GLU:C	6	2.13
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:N	2:B:6:GLU:H	6	2.13
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:N	2:B:6:GLU:N	6	2.13
(2,2)	1:A:42:GLY:N	2:B:6:GLU:O	6	2.13
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:7:GLU:C	6	2.13
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:N	2:B:7:GLU:H	6	2.13
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:N	2:B:7:GLU:N	6	2.13
(2,2)	1:A:42:GLY:N	2:B:7:GLU:O	6	2.13
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:8:GLU:C	6	2.13
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:N	2:B:8:GLU:H	6	2.13
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HA	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	6	2.13
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	6	2.13
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	6	2.13
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	6	2.13
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	6	2.13
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	6	2.13
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	6	2.13
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	6	2.13
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	6	2.13
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	6	2.13
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	6	2.13
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	6	2.13
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	6	2.13
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	6	2.13
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	6	2.13
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	6	2.13
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CA	6	2.13
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CB	6	2.13
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD1	6	2.13
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE1	6	2.13
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CG	6	2.13
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CZ	6	2.13
(2,2)	1:A:42:GLY:N	2:B:12:TYR:H	6	2.13
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HA	6	2.13
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB3	6	2.13
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD1	6	2.13
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE1	6	2.13
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE2	6	2.13
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HH	6	2.13
(2,2)	1:A:42:GLY:N	2:B:12:TYR:N	6	2.13
(2,2)	1:A:42:GLY:N	2:B:12:TYR:O	6	2.13
(2,2)	1:A:42:GLY:N	2:B:12:TYR:OH	6	2.13
(2,2)	1:A:42:GLY:O	2:B:3:GLY:C	6	2.13
(2,2)	1:A:42:GLY:O	2:B:3:GLY:CA	6	2.13
(2,2)	1:A:42:GLY:O	2:B:3:GLY:H	6	2.13
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA3	6	2.13
(2,2)	1:A:42:GLY:O	2:B:3:GLY:N	6	2.13
(2,2)	1:A:42:GLY:O	2:B:3:GLY:O	6	2.13
(2,2)	1:A:42:GLY:O	2:B:4:GLU:C	6	2.13
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:O	2:B:4:GLU:H	6	2.13
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG3	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:4:GLU:N	6	2.13
(2,2)	1:A:42:GLY:O	2:B:4:GLU:O	6	2.13
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:5:GLY:C	6	2.13
(2,2)	1:A:42:GLY:O	2:B:5:GLY:CA	6	2.13
(2,2)	1:A:42:GLY:O	2:B:5:GLY:H	6	2.13
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA3	6	2.13
(2,2)	1:A:42:GLY:O	2:B:5:GLY:N	6	2.13
(2,2)	1:A:42:GLY:O	2:B:5:GLY:O	6	2.13
(2,2)	1:A:42:GLY:O	2:B:6:GLU:C	6	2.13
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:O	2:B:6:GLU:H	6	2.13
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:O	2:B:6:GLU:N	6	2.13
(2,2)	1:A:42:GLY:O	2:B:6:GLU:O	6	2.13
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:7:GLU:C	6	2.13
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:O	2:B:7:GLU:H	6	2.13
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:O	2:B:7:GLU:N	6	2.13
(2,2)	1:A:42:GLY:O	2:B:7:GLU:O	6	2.13
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:8:GLU:C	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:O	2:B:8:GLU:H	6	2.13
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:O	2:B:8:GLU:N	6	2.13
(2,2)	1:A:42:GLY:O	2:B:8:GLU:O	6	2.13
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:9:GLY:C	6	2.13
(2,2)	1:A:42:GLY:O	2:B:9:GLY:CA	6	2.13
(2,2)	1:A:42:GLY:O	2:B:9:GLY:H	6	2.13
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA3	6	2.13
(2,2)	1:A:42:GLY:O	2:B:9:GLY:N	6	2.13
(2,2)	1:A:42:GLY:O	2:B:9:GLY:O	6	2.13
(2,2)	1:A:42:GLY:O	2:B:10:GLU:C	6	2.13
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:O	2:B:10:GLU:H	6	2.13
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:O	2:B:10:GLU:N	6	2.13
(2,2)	1:A:42:GLY:O	2:B:10:GLU:O	6	2.13
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:11:GLU:C	6	2.13
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CA	6	2.13
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CB	6	2.13
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CD	6	2.13
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CG	6	2.13
(2,2)	1:A:42:GLY:O	2:B:11:GLU:H	6	2.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HA	6	2.13
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB3	6	2.13
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG3	6	2.13
(2,2)	1:A:42:GLY:O	2:B:11:GLU:N	6	2.13
(2,2)	1:A:42:GLY:O	2:B:11:GLU:O	6	2.13
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE1	6	2.13
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:12:TYR:C	6	2.13
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CA	6	2.13
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CB	6	2.13
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD1	6	2.13
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE1	6	2.13
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CG	6	2.13
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CZ	6	2.13
(2,2)	1:A:42:GLY:O	2:B:12:TYR:H	6	2.13
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HA	6	2.13
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB3	6	2.13
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD1	6	2.13
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE1	6	2.13
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE2	6	2.13
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HH	6	2.13
(2,2)	1:A:42:GLY:O	2:B:12:TYR:N	6	2.13
(2,2)	1:A:42:GLY:O	2:B:12:TYR:O	6	2.13
(2,2)	1:A:42:GLY:O	2:B:12:TYR:OH	6	2.13
(2,2)	1:A:42:GLY:C	2:B:3:GLY:C	7	1.93
(2,2)	1:A:42:GLY:C	2:B:3:GLY:CA	7	1.93
(2,2)	1:A:42:GLY:C	2:B:3:GLY:H	7	1.93
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA3	7	1.93
(2,2)	1:A:42:GLY:C	2:B:3:GLY:N	7	1.93
(2,2)	1:A:42:GLY:C	2:B:3:GLY:O	7	1.93
(2,2)	1:A:42:GLY:C	2:B:4:GLU:C	7	1.93
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CG	7	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:4:GLU:H	7	1.93
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:C	2:B:4:GLU:N	7	1.93
(2,2)	1:A:42:GLY:C	2:B:4:GLU:O	7	1.93
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:5:GLY:C	7	1.93
(2,2)	1:A:42:GLY:C	2:B:5:GLY:CA	7	1.93
(2,2)	1:A:42:GLY:C	2:B:5:GLY:H	7	1.93
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA3	7	1.93
(2,2)	1:A:42:GLY:C	2:B:5:GLY:N	7	1.93
(2,2)	1:A:42:GLY:C	2:B:5:GLY:O	7	1.93
(2,2)	1:A:42:GLY:C	2:B:6:GLU:C	7	1.93
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:C	2:B:6:GLU:H	7	1.93
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:C	2:B:6:GLU:N	7	1.93
(2,2)	1:A:42:GLY:C	2:B:6:GLU:O	7	1.93
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:7:GLU:C	7	1.93
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:C	2:B:7:GLU:H	7	1.93
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG2	7	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:C	2:B:7:GLU:N	7	1.93
(2,2)	1:A:42:GLY:C	2:B:7:GLU:O	7	1.93
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:8:GLU:C	7	1.93
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:C	2:B:8:GLU:H	7	1.93
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:C	2:B:8:GLU:N	7	1.93
(2,2)	1:A:42:GLY:C	2:B:8:GLU:O	7	1.93
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:9:GLY:C	7	1.93
(2,2)	1:A:42:GLY:C	2:B:9:GLY:CA	7	1.93
(2,2)	1:A:42:GLY:C	2:B:9:GLY:H	7	1.93
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA3	7	1.93
(2,2)	1:A:42:GLY:C	2:B:9:GLY:N	7	1.93
(2,2)	1:A:42:GLY:C	2:B:9:GLY:O	7	1.93
(2,2)	1:A:42:GLY:C	2:B:10:GLU:C	7	1.93
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:C	2:B:10:GLU:H	7	1.93
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:C	2:B:10:GLU:N	7	1.93
(2,2)	1:A:42:GLY:C	2:B:10:GLU:O	7	1.93
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE2	7	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:11:GLU:C	7	1.93
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:C	2:B:11:GLU:H	7	1.93
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:C	2:B:11:GLU:N	7	1.93
(2,2)	1:A:42:GLY:C	2:B:11:GLU:O	7	1.93
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:12:TYR:C	7	1.93
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CA	7	1.93
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CB	7	1.93
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD1	7	1.93
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE1	7	1.93
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CG	7	1.93
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CZ	7	1.93
(2,2)	1:A:42:GLY:C	2:B:12:TYR:H	7	1.93
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HA	7	1.93
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB3	7	1.93
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD1	7	1.93
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE1	7	1.93
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE2	7	1.93
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HH	7	1.93
(2,2)	1:A:42:GLY:C	2:B:12:TYR:N	7	1.93
(2,2)	1:A:42:GLY:C	2:B:12:TYR:O	7	1.93
(2,2)	1:A:42:GLY:C	2:B:12:TYR:OH	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:C	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:CA	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:H	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA3	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:N	7	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:O	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:C	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:H	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:N	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:O	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:C	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:CA	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:H	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA3	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:N	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:O	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:C	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:H	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:N	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:O	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:C	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CD	7	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:H	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:N	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:O	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:C	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:H	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:N	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:O	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:C	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:CA	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:H	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA3	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:N	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:O	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:C	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:H	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB3	7	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:N	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:O	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:C	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:H	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:N	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:O	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:C	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CA	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CB	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD1	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE1	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CG	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CZ	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:H	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HA	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB3	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD1	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE1	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE2	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HH	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:N	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:O	7	1.93
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:OH	7	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:3:GLY:C	7	1.93
(2,2)	1:A:42:GLY:H	2:B:3:GLY:CA	7	1.93
(2,2)	1:A:42:GLY:H	2:B:3:GLY:H	7	1.93
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	7	1.93
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	7	1.93
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	7	1.93
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	7	1.93
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	7	1.93
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	7	1.93
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	7	1.93
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	7	1.93
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	7	1.93
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	7	1.93
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	7	1.93
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	7	1.93
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	7	1.93
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	7	1.93
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	7	1.93
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	7	1.93
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	7	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	7	1.93
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:H	2:B:7:GLU:H	7	1.93
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:H	2:B:7:GLU:N	7	1.93
(2,2)	1:A:42:GLY:H	2:B:7:GLU:O	7	1.93
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:8:GLU:C	7	1.93
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:H	2:B:8:GLU:H	7	1.93
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:H	2:B:8:GLU:N	7	1.93
(2,2)	1:A:42:GLY:H	2:B:8:GLU:O	7	1.93
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:9:GLY:C	7	1.93
(2,2)	1:A:42:GLY:H	2:B:9:GLY:CA	7	1.93
(2,2)	1:A:42:GLY:H	2:B:9:GLY:H	7	1.93
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA3	7	1.93
(2,2)	1:A:42:GLY:H	2:B:9:GLY:N	7	1.93
(2,2)	1:A:42:GLY:H	2:B:9:GLY:O	7	1.93
(2,2)	1:A:42:GLY:H	2:B:10:GLU:C	7	1.93
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CB	7	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:H	2:B:10:GLU:H	7	1.93
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:H	2:B:10:GLU:N	7	1.93
(2,2)	1:A:42:GLY:H	2:B:10:GLU:O	7	1.93
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:11:GLU:C	7	1.93
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:H	2:B:11:GLU:H	7	1.93
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:H	2:B:11:GLU:N	7	1.93
(2,2)	1:A:42:GLY:H	2:B:11:GLU:O	7	1.93
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:12:TYR:C	7	1.93
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CA	7	1.93
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CB	7	1.93
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD1	7	1.93
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE1	7	1.93
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CG	7	1.93
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CZ	7	1.93
(2,2)	1:A:42:GLY:H	2:B:12:TYR:H	7	1.93
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HA	7	1.93
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB3	7	1.93
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD1	7	1.93
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD2	7	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE1	7	1.93
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE2	7	1.93
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HH	7	1.93
(2,2)	1:A:42:GLY:H	2:B:12:TYR:N	7	1.93
(2,2)	1:A:42:GLY:H	2:B:12:TYR:O	7	1.93
(2,2)	1:A:42:GLY:H	2:B:12:TYR:OH	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:C	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:CA	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:H	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA3	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:N	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:O	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:C	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:H	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:N	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:O	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:C	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:CA	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:H	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA3	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:N	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:O	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:C	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:H	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HA	7	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:N	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:O	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:C	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:H	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:N	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:O	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:C	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:H	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:N	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:O	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:C	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:CA	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:H	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA2	7	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA3	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:N	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:O	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:C	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:H	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:N	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:O	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:C	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:H	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:N	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:O	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:C	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CA	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CB	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD1	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE1	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CG	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CZ	7	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:H	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HA	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB3	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD1	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE1	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE2	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HH	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:N	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:O	7	1.93
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:OH	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:C	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:CA	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:H	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA3	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:N	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:O	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:C	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:H	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:N	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:O	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:C	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:CA	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:H	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA3	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:N	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:O	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:C	7	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:H	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:N	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:O	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:C	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:H	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:N	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:O	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:C	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:H	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:N	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:O	7	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:C	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	7	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CG	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CZ	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:H	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HA	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB3	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD1	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE1	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE2	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HH	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:N	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:O	7	1.93
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:OH	7	1.93
(2,2)	1:A:42:GLY:N	2:B:3:GLY:C	7	1.93
(2,2)	1:A:42:GLY:N	2:B:3:GLY:CA	7	1.93
(2,2)	1:A:42:GLY:N	2:B:3:GLY:H	7	1.93
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA3	7	1.93
(2,2)	1:A:42:GLY:N	2:B:3:GLY:N	7	1.93
(2,2)	1:A:42:GLY:N	2:B:3:GLY:O	7	1.93
(2,2)	1:A:42:GLY:N	2:B:4:GLU:C	7	1.93
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:N	2:B:4:GLU:H	7	1.93
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:N	2:B:4:GLU:N	7	1.93
(2,2)	1:A:42:GLY:N	2:B:4:GLU:O	7	1.93
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:5:GLY:C	7	1.93
(2,2)	1:A:42:GLY:N	2:B:5:GLY:CA	7	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:5:GLY:H	7	1.93
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA3	7	1.93
(2,2)	1:A:42:GLY:N	2:B:5:GLY:N	7	1.93
(2,2)	1:A:42:GLY:N	2:B:5:GLY:O	7	1.93
(2,2)	1:A:42:GLY:N	2:B:6:GLU:C	7	1.93
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:N	2:B:6:GLU:H	7	1.93
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:N	2:B:6:GLU:N	7	1.93
(2,2)	1:A:42:GLY:N	2:B:6:GLU:O	7	1.93
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:7:GLU:C	7	1.93
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:N	2:B:7:GLU:H	7	1.93
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:N	2:B:7:GLU:N	7	1.93
(2,2)	1:A:42:GLY:N	2:B:7:GLU:O	7	1.93
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:8:GLU:C	7	1.93
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:N	2:B:8:GLU:H	7	1.93
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HA	7	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	7	1.93
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	7	1.93
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	7	1.93
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	7	1.93
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	7	1.93
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	7	1.93
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	7	1.93
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	7	1.93
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	7	1.93
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	7	1.93
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	7	1.93
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	7	1.93
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	7	1.93
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	7	1.93
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	7	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	7	1.93
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	7	1.93
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CA	7	1.93
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CB	7	1.93
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD1	7	1.93
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE1	7	1.93
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CG	7	1.93
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CZ	7	1.93
(2,2)	1:A:42:GLY:N	2:B:12:TYR:H	7	1.93
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HA	7	1.93
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB3	7	1.93
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD1	7	1.93
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE1	7	1.93
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE2	7	1.93
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HH	7	1.93
(2,2)	1:A:42:GLY:N	2:B:12:TYR:N	7	1.93
(2,2)	1:A:42:GLY:N	2:B:12:TYR:O	7	1.93
(2,2)	1:A:42:GLY:N	2:B:12:TYR:OH	7	1.93
(2,2)	1:A:42:GLY:O	2:B:3:GLY:C	7	1.93
(2,2)	1:A:42:GLY:O	2:B:3:GLY:CA	7	1.93
(2,2)	1:A:42:GLY:O	2:B:3:GLY:H	7	1.93
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA3	7	1.93
(2,2)	1:A:42:GLY:O	2:B:3:GLY:N	7	1.93
(2,2)	1:A:42:GLY:O	2:B:3:GLY:O	7	1.93
(2,2)	1:A:42:GLY:O	2:B:4:GLU:C	7	1.93
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:O	2:B:4:GLU:H	7	1.93
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG3	7	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:4:GLU:N	7	1.93
(2,2)	1:A:42:GLY:O	2:B:4:GLU:O	7	1.93
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:5:GLY:C	7	1.93
(2,2)	1:A:42:GLY:O	2:B:5:GLY:CA	7	1.93
(2,2)	1:A:42:GLY:O	2:B:5:GLY:H	7	1.93
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA3	7	1.93
(2,2)	1:A:42:GLY:O	2:B:5:GLY:N	7	1.93
(2,2)	1:A:42:GLY:O	2:B:5:GLY:O	7	1.93
(2,2)	1:A:42:GLY:O	2:B:6:GLU:C	7	1.93
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:O	2:B:6:GLU:H	7	1.93
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:O	2:B:6:GLU:N	7	1.93
(2,2)	1:A:42:GLY:O	2:B:6:GLU:O	7	1.93
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:7:GLU:C	7	1.93
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:O	2:B:7:GLU:H	7	1.93
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:O	2:B:7:GLU:N	7	1.93
(2,2)	1:A:42:GLY:O	2:B:7:GLU:O	7	1.93
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:8:GLU:C	7	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:O	2:B:8:GLU:H	7	1.93
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:O	2:B:8:GLU:N	7	1.93
(2,2)	1:A:42:GLY:O	2:B:8:GLU:O	7	1.93
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:9:GLY:C	7	1.93
(2,2)	1:A:42:GLY:O	2:B:9:GLY:CA	7	1.93
(2,2)	1:A:42:GLY:O	2:B:9:GLY:H	7	1.93
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA3	7	1.93
(2,2)	1:A:42:GLY:O	2:B:9:GLY:N	7	1.93
(2,2)	1:A:42:GLY:O	2:B:9:GLY:O	7	1.93
(2,2)	1:A:42:GLY:O	2:B:10:GLU:C	7	1.93
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:O	2:B:10:GLU:H	7	1.93
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:O	2:B:10:GLU:N	7	1.93
(2,2)	1:A:42:GLY:O	2:B:10:GLU:O	7	1.93
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:11:GLU:C	7	1.93
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CA	7	1.93
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CB	7	1.93
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CD	7	1.93
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CG	7	1.93
(2,2)	1:A:42:GLY:O	2:B:11:GLU:H	7	1.93

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HA	7	1.93
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB3	7	1.93
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG3	7	1.93
(2,2)	1:A:42:GLY:O	2:B:11:GLU:N	7	1.93
(2,2)	1:A:42:GLY:O	2:B:11:GLU:O	7	1.93
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE1	7	1.93
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:12:TYR:C	7	1.93
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CA	7	1.93
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CB	7	1.93
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD1	7	1.93
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE1	7	1.93
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CG	7	1.93
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CZ	7	1.93
(2,2)	1:A:42:GLY:O	2:B:12:TYR:H	7	1.93
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HA	7	1.93
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB3	7	1.93
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD1	7	1.93
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE1	7	1.93
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE2	7	1.93
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HH	7	1.93
(2,2)	1:A:42:GLY:O	2:B:12:TYR:N	7	1.93
(2,2)	1:A:42:GLY:O	2:B:12:TYR:O	7	1.93
(2,2)	1:A:42:GLY:O	2:B:12:TYR:OH	7	1.93
(2,2)	1:A:42:GLY:C	2:B:3:GLY:C	13	1.91
(2,2)	1:A:42:GLY:C	2:B:3:GLY:CA	13	1.91
(2,2)	1:A:42:GLY:C	2:B:3:GLY:H	13	1.91
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA3	13	1.91
(2,2)	1:A:42:GLY:C	2:B:3:GLY:N	13	1.91
(2,2)	1:A:42:GLY:C	2:B:3:GLY:O	13	1.91
(2,2)	1:A:42:GLY:C	2:B:4:GLU:C	13	1.91
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CG	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:4:GLU:H	13	1.91
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:C	2:B:4:GLU:N	13	1.91
(2,2)	1:A:42:GLY:C	2:B:4:GLU:O	13	1.91
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:5:GLY:C	13	1.91
(2,2)	1:A:42:GLY:C	2:B:5:GLY:CA	13	1.91
(2,2)	1:A:42:GLY:C	2:B:5:GLY:H	13	1.91
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA3	13	1.91
(2,2)	1:A:42:GLY:C	2:B:5:GLY:N	13	1.91
(2,2)	1:A:42:GLY:C	2:B:5:GLY:O	13	1.91
(2,2)	1:A:42:GLY:C	2:B:6:GLU:C	13	1.91
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:C	2:B:6:GLU:H	13	1.91
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:C	2:B:6:GLU:N	13	1.91
(2,2)	1:A:42:GLY:C	2:B:6:GLU:O	13	1.91
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:7:GLU:C	13	1.91
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:C	2:B:7:GLU:H	13	1.91
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG2	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:C	2:B:7:GLU:N	13	1.91
(2,2)	1:A:42:GLY:C	2:B:7:GLU:O	13	1.91
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:8:GLU:C	13	1.91
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:C	2:B:8:GLU:H	13	1.91
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:C	2:B:8:GLU:N	13	1.91
(2,2)	1:A:42:GLY:C	2:B:8:GLU:O	13	1.91
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:9:GLY:C	13	1.91
(2,2)	1:A:42:GLY:C	2:B:9:GLY:CA	13	1.91
(2,2)	1:A:42:GLY:C	2:B:9:GLY:H	13	1.91
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA3	13	1.91
(2,2)	1:A:42:GLY:C	2:B:9:GLY:N	13	1.91
(2,2)	1:A:42:GLY:C	2:B:9:GLY:O	13	1.91
(2,2)	1:A:42:GLY:C	2:B:10:GLU:C	13	1.91
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:C	2:B:10:GLU:H	13	1.91
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:C	2:B:10:GLU:N	13	1.91
(2,2)	1:A:42:GLY:C	2:B:10:GLU:O	13	1.91
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE2	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:11:GLU:C	13	1.91
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:C	2:B:11:GLU:H	13	1.91
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:C	2:B:11:GLU:N	13	1.91
(2,2)	1:A:42:GLY:C	2:B:11:GLU:O	13	1.91
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:12:TYR:C	13	1.91
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CA	13	1.91
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CB	13	1.91
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD1	13	1.91
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE1	13	1.91
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CG	13	1.91
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CZ	13	1.91
(2,2)	1:A:42:GLY:C	2:B:12:TYR:H	13	1.91
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HA	13	1.91
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB3	13	1.91
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD1	13	1.91
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE1	13	1.91
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE2	13	1.91
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HH	13	1.91
(2,2)	1:A:42:GLY:C	2:B:12:TYR:N	13	1.91
(2,2)	1:A:42:GLY:C	2:B:12:TYR:O	13	1.91
(2,2)	1:A:42:GLY:C	2:B:12:TYR:OH	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:C	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:CA	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:H	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA3	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:N	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:O	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:C	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:H	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:N	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:O	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:C	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:CA	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:H	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA3	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:N	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:O	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:C	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:H	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:N	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:O	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:C	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CD	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:H	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:N	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:O	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:C	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:H	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:N	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:O	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:C	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:CA	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:H	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA3	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:N	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:O	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:C	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:H	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB3	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:N	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:O	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:C	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:H	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:N	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:O	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:C	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CA	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CB	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD1	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE1	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CG	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CZ	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:H	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HA	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB3	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD1	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE1	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE2	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HH	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:N	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:O	13	1.91
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:OH	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:3:GLY:C	13	1.91
(2,2)	1:A:42:GLY:H	2:B:3:GLY:CA	13	1.91
(2,2)	1:A:42:GLY:H	2:B:3:GLY:H	13	1.91
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	13	1.91
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	13	1.91
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	13	1.91
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	13	1.91
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	13	1.91
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	13	1.91
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	13	1.91
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	13	1.91
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	13	1.91
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	13	1.91
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	13	1.91
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	13	1.91
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	13	1.91
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	13	1.91
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	13	1.91
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	13	1.91
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	13	1.91
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:H	2:B:7:GLU:H	13	1.91
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:H	2:B:7:GLU:N	13	1.91
(2,2)	1:A:42:GLY:H	2:B:7:GLU:O	13	1.91
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:8:GLU:C	13	1.91
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:H	2:B:8:GLU:H	13	1.91
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:H	2:B:8:GLU:N	13	1.91
(2,2)	1:A:42:GLY:H	2:B:8:GLU:O	13	1.91
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:9:GLY:C	13	1.91
(2,2)	1:A:42:GLY:H	2:B:9:GLY:CA	13	1.91
(2,2)	1:A:42:GLY:H	2:B:9:GLY:H	13	1.91
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA3	13	1.91
(2,2)	1:A:42:GLY:H	2:B:9:GLY:N	13	1.91
(2,2)	1:A:42:GLY:H	2:B:9:GLY:O	13	1.91
(2,2)	1:A:42:GLY:H	2:B:10:GLU:C	13	1.91
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CB	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:H	2:B:10:GLU:H	13	1.91
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:H	2:B:10:GLU:N	13	1.91
(2,2)	1:A:42:GLY:H	2:B:10:GLU:O	13	1.91
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:11:GLU:C	13	1.91
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:H	2:B:11:GLU:H	13	1.91
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:H	2:B:11:GLU:N	13	1.91
(2,2)	1:A:42:GLY:H	2:B:11:GLU:O	13	1.91
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:12:TYR:C	13	1.91
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CA	13	1.91
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CB	13	1.91
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD1	13	1.91
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE1	13	1.91
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CG	13	1.91
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CZ	13	1.91
(2,2)	1:A:42:GLY:H	2:B:12:TYR:H	13	1.91
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HA	13	1.91
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB3	13	1.91
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD1	13	1.91
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD2	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE1	13	1.91
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE2	13	1.91
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HH	13	1.91
(2,2)	1:A:42:GLY:H	2:B:12:TYR:N	13	1.91
(2,2)	1:A:42:GLY:H	2:B:12:TYR:O	13	1.91
(2,2)	1:A:42:GLY:H	2:B:12:TYR:OH	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:C	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:CA	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:H	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA3	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:N	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:O	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:C	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:H	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:N	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:O	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:C	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:CA	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:H	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA3	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:N	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:O	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:C	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:H	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HA	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:N	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:O	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:C	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:H	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:N	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:O	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:C	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:H	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:N	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:O	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:C	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:CA	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:H	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA2	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA3	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:N	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:O	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:C	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:H	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:N	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:O	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:C	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:H	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:N	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:O	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:C	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CA	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CB	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD1	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE1	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CG	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CZ	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:H	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HA	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB3	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD1	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE1	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE2	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HH	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:N	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:O	13	1.91
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:OH	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:C	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:CA	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:H	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA3	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:N	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:O	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:C	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:H	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:N	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:O	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:C	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:CA	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:H	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA3	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:N	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:O	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:C	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:H	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:N	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:O	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:C	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:H	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:N	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:O	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:C	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:H	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:N	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:O	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:C	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CG	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CZ	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:H	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HA	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB3	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD1	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE1	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE2	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HH	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:N	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:O	13	1.91
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:OH	13	1.91
(2,2)	1:A:42:GLY:N	2:B:3:GLY:C	13	1.91
(2,2)	1:A:42:GLY:N	2:B:3:GLY:CA	13	1.91
(2,2)	1:A:42:GLY:N	2:B:3:GLY:H	13	1.91
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA3	13	1.91
(2,2)	1:A:42:GLY:N	2:B:3:GLY:N	13	1.91
(2,2)	1:A:42:GLY:N	2:B:3:GLY:O	13	1.91
(2,2)	1:A:42:GLY:N	2:B:4:GLU:C	13	1.91
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:N	2:B:4:GLU:H	13	1.91
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:N	2:B:4:GLU:N	13	1.91
(2,2)	1:A:42:GLY:N	2:B:4:GLU:O	13	1.91
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:5:GLY:C	13	1.91
(2,2)	1:A:42:GLY:N	2:B:5:GLY:CA	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:5:GLY:H	13	1.91
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA3	13	1.91
(2,2)	1:A:42:GLY:N	2:B:5:GLY:N	13	1.91
(2,2)	1:A:42:GLY:N	2:B:5:GLY:O	13	1.91
(2,2)	1:A:42:GLY:N	2:B:6:GLU:C	13	1.91
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:N	2:B:6:GLU:H	13	1.91
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:N	2:B:6:GLU:N	13	1.91
(2,2)	1:A:42:GLY:N	2:B:6:GLU:O	13	1.91
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:7:GLU:C	13	1.91
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:N	2:B:7:GLU:H	13	1.91
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:N	2:B:7:GLU:N	13	1.91
(2,2)	1:A:42:GLY:N	2:B:7:GLU:O	13	1.91
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:8:GLU:C	13	1.91
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:N	2:B:8:GLU:H	13	1.91
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HA	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	13	1.91
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	13	1.91
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	13	1.91
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	13	1.91
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	13	1.91
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	13	1.91
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	13	1.91
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	13	1.91
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	13	1.91
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	13	1.91
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	13	1.91
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	13	1.91
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	13	1.91
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	13	1.91
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	13	1.91
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	13	1.91
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CA	13	1.91
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CB	13	1.91
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD1	13	1.91
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE1	13	1.91
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CG	13	1.91
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CZ	13	1.91
(2,2)	1:A:42:GLY:N	2:B:12:TYR:H	13	1.91
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HA	13	1.91
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB3	13	1.91
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD1	13	1.91
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE1	13	1.91
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE2	13	1.91
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HH	13	1.91
(2,2)	1:A:42:GLY:N	2:B:12:TYR:N	13	1.91
(2,2)	1:A:42:GLY:N	2:B:12:TYR:O	13	1.91
(2,2)	1:A:42:GLY:N	2:B:12:TYR:OH	13	1.91
(2,2)	1:A:42:GLY:O	2:B:3:GLY:C	13	1.91
(2,2)	1:A:42:GLY:O	2:B:3:GLY:CA	13	1.91
(2,2)	1:A:42:GLY:O	2:B:3:GLY:H	13	1.91
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA3	13	1.91
(2,2)	1:A:42:GLY:O	2:B:3:GLY:N	13	1.91
(2,2)	1:A:42:GLY:O	2:B:3:GLY:O	13	1.91
(2,2)	1:A:42:GLY:O	2:B:4:GLU:C	13	1.91
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:O	2:B:4:GLU:H	13	1.91
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG3	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:4:GLU:N	13	1.91
(2,2)	1:A:42:GLY:O	2:B:4:GLU:O	13	1.91
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:5:GLY:C	13	1.91
(2,2)	1:A:42:GLY:O	2:B:5:GLY:CA	13	1.91
(2,2)	1:A:42:GLY:O	2:B:5:GLY:H	13	1.91
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA3	13	1.91
(2,2)	1:A:42:GLY:O	2:B:5:GLY:N	13	1.91
(2,2)	1:A:42:GLY:O	2:B:5:GLY:O	13	1.91
(2,2)	1:A:42:GLY:O	2:B:6:GLU:C	13	1.91
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:O	2:B:6:GLU:H	13	1.91
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:O	2:B:6:GLU:N	13	1.91
(2,2)	1:A:42:GLY:O	2:B:6:GLU:O	13	1.91
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:7:GLU:C	13	1.91
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:O	2:B:7:GLU:H	13	1.91
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:O	2:B:7:GLU:N	13	1.91
(2,2)	1:A:42:GLY:O	2:B:7:GLU:O	13	1.91
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:8:GLU:C	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:O	2:B:8:GLU:H	13	1.91
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:O	2:B:8:GLU:N	13	1.91
(2,2)	1:A:42:GLY:O	2:B:8:GLU:O	13	1.91
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:9:GLY:C	13	1.91
(2,2)	1:A:42:GLY:O	2:B:9:GLY:CA	13	1.91
(2,2)	1:A:42:GLY:O	2:B:9:GLY:H	13	1.91
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA3	13	1.91
(2,2)	1:A:42:GLY:O	2:B:9:GLY:N	13	1.91
(2,2)	1:A:42:GLY:O	2:B:9:GLY:O	13	1.91
(2,2)	1:A:42:GLY:O	2:B:10:GLU:C	13	1.91
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:O	2:B:10:GLU:H	13	1.91
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:O	2:B:10:GLU:N	13	1.91
(2,2)	1:A:42:GLY:O	2:B:10:GLU:O	13	1.91
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:11:GLU:C	13	1.91
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CA	13	1.91
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CB	13	1.91
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CD	13	1.91
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CG	13	1.91
(2,2)	1:A:42:GLY:O	2:B:11:GLU:H	13	1.91

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HA	13	1.91
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB3	13	1.91
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG3	13	1.91
(2,2)	1:A:42:GLY:O	2:B:11:GLU:N	13	1.91
(2,2)	1:A:42:GLY:O	2:B:11:GLU:O	13	1.91
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE1	13	1.91
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:12:TYR:C	13	1.91
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CA	13	1.91
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CB	13	1.91
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD1	13	1.91
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE1	13	1.91
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CG	13	1.91
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CZ	13	1.91
(2,2)	1:A:42:GLY:O	2:B:12:TYR:H	13	1.91
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HA	13	1.91
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB3	13	1.91
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD1	13	1.91
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE1	13	1.91
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE2	13	1.91
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HH	13	1.91
(2,2)	1:A:42:GLY:O	2:B:12:TYR:N	13	1.91
(2,2)	1:A:42:GLY:O	2:B:12:TYR:O	13	1.91
(2,2)	1:A:42:GLY:O	2:B:12:TYR:OH	13	1.91
(2,2)	1:A:42:GLY:C	2:B:3:GLY:C	1	1.9
(2,2)	1:A:42:GLY:C	2:B:3:GLY:CA	1	1.9
(2,2)	1:A:42:GLY:C	2:B:3:GLY:H	1	1.9
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA3	1	1.9
(2,2)	1:A:42:GLY:C	2:B:3:GLY:N	1	1.9
(2,2)	1:A:42:GLY:C	2:B:3:GLY:O	1	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:C	1	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CG	1	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:4:GLU:H	1	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:N	1	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:O	1	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:5:GLY:C	1	1.9
(2,2)	1:A:42:GLY:C	2:B:5:GLY:CA	1	1.9
(2,2)	1:A:42:GLY:C	2:B:5:GLY:H	1	1.9
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA3	1	1.9
(2,2)	1:A:42:GLY:C	2:B:5:GLY:N	1	1.9
(2,2)	1:A:42:GLY:C	2:B:5:GLY:O	1	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:C	1	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:H	1	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:N	1	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:O	1	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:C	1	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:H	1	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG2	1	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:N	1	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:O	1	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:C	1	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:H	1	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:N	1	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:O	1	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:9:GLY:C	1	1.9
(2,2)	1:A:42:GLY:C	2:B:9:GLY:CA	1	1.9
(2,2)	1:A:42:GLY:C	2:B:9:GLY:H	1	1.9
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA3	1	1.9
(2,2)	1:A:42:GLY:C	2:B:9:GLY:N	1	1.9
(2,2)	1:A:42:GLY:C	2:B:9:GLY:O	1	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:C	1	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:H	1	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:N	1	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:O	1	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE2	1	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:11:GLU:C	1	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:H	1	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:N	1	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:O	1	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:C	1	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CA	1	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CB	1	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD1	1	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE1	1	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CG	1	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CZ	1	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:H	1	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HA	1	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB3	1	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD1	1	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE1	1	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE2	1	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HH	1	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:N	1	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:O	1	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:OH	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:C	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:CA	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:H	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA3	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:N	1	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:O	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:C	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:H	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:N	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:O	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:C	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:CA	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:H	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA3	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:N	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:O	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:C	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:H	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:N	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:O	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:C	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CD	1	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:H	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:N	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:O	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:C	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:H	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:N	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:O	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:C	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:CA	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:H	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA3	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:N	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:O	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:C	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:H	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB3	1	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:N	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:O	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:C	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:H	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:N	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:O	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:C	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CA	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CB	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD1	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE1	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CG	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CZ	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:H	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HA	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB3	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD1	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE1	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE2	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HH	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:N	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:O	1	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:OH	1	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:3:GLY:C	1	1.9
(2,2)	1:A:42:GLY:H	2:B:3:GLY:CA	1	1.9
(2,2)	1:A:42:GLY:H	2:B:3:GLY:H	1	1.9
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	1	1.9
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	1	1.9
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	1	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	1	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	1	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	1	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	1	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	1	1.9
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	1	1.9
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	1	1.9
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	1	1.9
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	1	1.9
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	1	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	1	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	1	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	1	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	1	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	1	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:H	1	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:N	1	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:O	1	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:C	1	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:H	1	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:N	1	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:O	1	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:9:GLY:C	1	1.9
(2,2)	1:A:42:GLY:H	2:B:9:GLY:CA	1	1.9
(2,2)	1:A:42:GLY:H	2:B:9:GLY:H	1	1.9
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA3	1	1.9
(2,2)	1:A:42:GLY:H	2:B:9:GLY:N	1	1.9
(2,2)	1:A:42:GLY:H	2:B:9:GLY:O	1	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:C	1	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CB	1	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:H	1	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:N	1	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:O	1	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:C	1	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:H	1	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:N	1	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:O	1	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:C	1	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CA	1	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CB	1	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD1	1	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE1	1	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CG	1	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CZ	1	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:H	1	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HA	1	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB3	1	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD1	1	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD2	1	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE1	1	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE2	1	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HH	1	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:N	1	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:O	1	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:OH	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:C	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:CA	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:H	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA3	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:N	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:O	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:C	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:H	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:N	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:O	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:C	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:CA	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:H	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA3	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:N	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:O	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:C	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:H	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HA	1	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:N	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:O	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:C	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:H	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:N	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:O	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:C	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:H	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:N	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:O	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:C	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:CA	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:H	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA2	1	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA3	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:N	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:O	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:C	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:H	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:N	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:O	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:C	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:H	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:N	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:O	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:C	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CA	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CB	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD1	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE1	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CG	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CZ	1	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:H	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HA	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB3	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD1	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE1	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE2	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HH	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:N	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:O	1	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:OH	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:C	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:CA	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:H	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA3	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:N	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:O	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:C	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:H	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:N	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:O	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:C	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:CA	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:H	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA3	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:N	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:O	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:C	1	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:H	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:N	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:O	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:C	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:H	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:N	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:O	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:C	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:H	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:N	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:O	1	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:C	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	1	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CG	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CZ	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:H	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HA	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB3	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD1	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE1	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE2	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HH	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:N	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:O	1	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:OH	1	1.9
(2,2)	1:A:42:GLY:N	2:B:3:GLY:C	1	1.9
(2,2)	1:A:42:GLY:N	2:B:3:GLY:CA	1	1.9
(2,2)	1:A:42:GLY:N	2:B:3:GLY:H	1	1.9
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA3	1	1.9
(2,2)	1:A:42:GLY:N	2:B:3:GLY:N	1	1.9
(2,2)	1:A:42:GLY:N	2:B:3:GLY:O	1	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:C	1	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:H	1	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:N	1	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:O	1	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:5:GLY:C	1	1.9
(2,2)	1:A:42:GLY:N	2:B:5:GLY:CA	1	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:5:GLY:H	1	1.9
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA3	1	1.9
(2,2)	1:A:42:GLY:N	2:B:5:GLY:N	1	1.9
(2,2)	1:A:42:GLY:N	2:B:5:GLY:O	1	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:C	1	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:H	1	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:N	1	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:O	1	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:C	1	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:H	1	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:N	1	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:O	1	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:C	1	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:H	1	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HA	1	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	1	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	1	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	1	1.9
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	1	1.9
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	1	1.9
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	1	1.9
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	1	1.9
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	1	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	1	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	1	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	1	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	1	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	1	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	1	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	1	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	1	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	1	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CA	1	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CB	1	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD1	1	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE1	1	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CG	1	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CZ	1	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:H	1	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HA	1	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB3	1	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD1	1	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE1	1	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE2	1	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HH	1	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:N	1	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:O	1	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:OH	1	1.9
(2,2)	1:A:42:GLY:O	2:B:3:GLY:C	1	1.9
(2,2)	1:A:42:GLY:O	2:B:3:GLY:CA	1	1.9
(2,2)	1:A:42:GLY:O	2:B:3:GLY:H	1	1.9
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA3	1	1.9
(2,2)	1:A:42:GLY:O	2:B:3:GLY:N	1	1.9
(2,2)	1:A:42:GLY:O	2:B:3:GLY:O	1	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:C	1	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:H	1	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG3	1	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:4:GLU:N	1	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:O	1	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:5:GLY:C	1	1.9
(2,2)	1:A:42:GLY:O	2:B:5:GLY:CA	1	1.9
(2,2)	1:A:42:GLY:O	2:B:5:GLY:H	1	1.9
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA3	1	1.9
(2,2)	1:A:42:GLY:O	2:B:5:GLY:N	1	1.9
(2,2)	1:A:42:GLY:O	2:B:5:GLY:O	1	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:C	1	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:H	1	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:N	1	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:O	1	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:C	1	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:H	1	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:N	1	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:O	1	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:C	1	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:H	1	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:N	1	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:O	1	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:9:GLY:C	1	1.9
(2,2)	1:A:42:GLY:O	2:B:9:GLY:CA	1	1.9
(2,2)	1:A:42:GLY:O	2:B:9:GLY:H	1	1.9
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA3	1	1.9
(2,2)	1:A:42:GLY:O	2:B:9:GLY:N	1	1.9
(2,2)	1:A:42:GLY:O	2:B:9:GLY:O	1	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:C	1	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:H	1	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:N	1	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:O	1	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:C	1	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CA	1	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CB	1	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CD	1	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CG	1	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:H	1	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HA	1	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB3	1	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG3	1	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:N	1	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:O	1	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE1	1	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:C	1	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CA	1	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CB	1	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD1	1	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE1	1	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CG	1	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CZ	1	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:H	1	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HA	1	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB3	1	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD1	1	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE1	1	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE2	1	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HH	1	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:N	1	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:O	1	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:OH	1	1.9
(2,2)	1:A:42:GLY:C	2:B:3:GLY:C	9	1.9
(2,2)	1:A:42:GLY:C	2:B:3:GLY:CA	9	1.9
(2,2)	1:A:42:GLY:C	2:B:3:GLY:H	9	1.9
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA3	9	1.9
(2,2)	1:A:42:GLY:C	2:B:3:GLY:N	9	1.9
(2,2)	1:A:42:GLY:C	2:B:3:GLY:O	9	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:C	9	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CG	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:4:GLU:H	9	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:N	9	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:O	9	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:5:GLY:C	9	1.9
(2,2)	1:A:42:GLY:C	2:B:5:GLY:CA	9	1.9
(2,2)	1:A:42:GLY:C	2:B:5:GLY:H	9	1.9
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA3	9	1.9
(2,2)	1:A:42:GLY:C	2:B:5:GLY:N	9	1.9
(2,2)	1:A:42:GLY:C	2:B:5:GLY:O	9	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:C	9	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:H	9	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:N	9	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:O	9	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:C	9	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:H	9	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG2	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:N	9	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:O	9	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:C	9	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:H	9	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:N	9	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:O	9	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:9:GLY:C	9	1.9
(2,2)	1:A:42:GLY:C	2:B:9:GLY:CA	9	1.9
(2,2)	1:A:42:GLY:C	2:B:9:GLY:H	9	1.9
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA3	9	1.9
(2,2)	1:A:42:GLY:C	2:B:9:GLY:N	9	1.9
(2,2)	1:A:42:GLY:C	2:B:9:GLY:O	9	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:C	9	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:H	9	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:N	9	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:O	9	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE2	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:11:GLU:C	9	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:H	9	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:N	9	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:O	9	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:C	9	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CA	9	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CB	9	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD1	9	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE1	9	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CG	9	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CZ	9	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:H	9	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HA	9	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB3	9	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD1	9	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE1	9	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE2	9	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HH	9	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:N	9	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:O	9	1.9
(2,2)	1:A:42:GLY:C	2:B:12:TYR:OH	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:C	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:CA	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:H	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA3	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:N	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:O	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:C	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:H	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:N	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:O	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:C	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:CA	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:H	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA3	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:N	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:O	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:C	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:H	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:N	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:O	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:C	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CD	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:H	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:N	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:O	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:C	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:H	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:N	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:O	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:C	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:CA	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:H	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA3	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:N	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:O	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:C	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:H	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB3	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:N	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:O	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:C	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:H	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:N	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:O	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:C	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CA	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CB	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD1	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE1	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CG	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CZ	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:H	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HA	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB3	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD1	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE1	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE2	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HH	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:N	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:O	9	1.9
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:OH	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:3:GLY:C	9	1.9
(2,2)	1:A:42:GLY:H	2:B:3:GLY:CA	9	1.9
(2,2)	1:A:42:GLY:H	2:B:3:GLY:H	9	1.9
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	9	1.9
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	9	1.9
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	9	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	9	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	9	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	9	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	9	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	9	1.9
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	9	1.9
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	9	1.9
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	9	1.9
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	9	1.9
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	9	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	9	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	9	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	9	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	9	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:H	9	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:N	9	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:O	9	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:C	9	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:H	9	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:N	9	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:O	9	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:9:GLY:C	9	1.9
(2,2)	1:A:42:GLY:H	2:B:9:GLY:CA	9	1.9
(2,2)	1:A:42:GLY:H	2:B:9:GLY:H	9	1.9
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA3	9	1.9
(2,2)	1:A:42:GLY:H	2:B:9:GLY:N	9	1.9
(2,2)	1:A:42:GLY:H	2:B:9:GLY:O	9	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:C	9	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CB	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:H	9	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:N	9	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:O	9	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:C	9	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:H	9	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:N	9	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:O	9	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:C	9	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CA	9	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CB	9	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD1	9	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE1	9	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CG	9	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CZ	9	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:H	9	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HA	9	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB3	9	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD1	9	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD2	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE1	9	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE2	9	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HH	9	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:N	9	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:O	9	1.9
(2,2)	1:A:42:GLY:H	2:B:12:TYR:OH	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:C	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:CA	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:H	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA3	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:N	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:O	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:C	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:H	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:N	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:O	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:C	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:CA	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:H	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA3	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:N	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:O	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:C	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:H	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HA	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:N	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:O	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:C	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:H	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:N	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:O	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:C	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:H	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:N	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:O	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:C	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:CA	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:H	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA2	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA3	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:N	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:O	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:C	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:H	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:N	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:O	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:C	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:H	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:N	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:O	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:C	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CA	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CB	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD1	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE1	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CG	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CZ	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:H	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HA	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB3	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD1	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE1	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE2	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HH	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:N	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:O	9	1.9
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:OH	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:C	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:CA	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:H	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA3	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:N	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:O	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:C	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:H	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:N	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:O	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:C	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:CA	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:H	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA3	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:N	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:O	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:C	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:H	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:N	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:O	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:C	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:H	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:N	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:O	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:C	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:H	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:N	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:O	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:C	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CG	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CZ	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:H	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HA	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB3	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD1	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE1	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE2	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HH	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:N	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:O	9	1.9
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:OH	9	1.9
(2,2)	1:A:42:GLY:N	2:B:3:GLY:C	9	1.9
(2,2)	1:A:42:GLY:N	2:B:3:GLY:CA	9	1.9
(2,2)	1:A:42:GLY:N	2:B:3:GLY:H	9	1.9
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA3	9	1.9
(2,2)	1:A:42:GLY:N	2:B:3:GLY:N	9	1.9
(2,2)	1:A:42:GLY:N	2:B:3:GLY:O	9	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:C	9	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:H	9	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:N	9	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:O	9	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:5:GLY:C	9	1.9
(2,2)	1:A:42:GLY:N	2:B:5:GLY:CA	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:5:GLY:H	9	1.9
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA3	9	1.9
(2,2)	1:A:42:GLY:N	2:B:5:GLY:N	9	1.9
(2,2)	1:A:42:GLY:N	2:B:5:GLY:O	9	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:C	9	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:H	9	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:N	9	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:O	9	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:C	9	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:H	9	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:N	9	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:O	9	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:C	9	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:H	9	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HA	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	9	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	9	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	9	1.9
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	9	1.9
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	9	1.9
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	9	1.9
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	9	1.9
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	9	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	9	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	9	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	9	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	9	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	9	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	9	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	9	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	9	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CA	9	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CB	9	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD1	9	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE1	9	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CG	9	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CZ	9	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:H	9	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HA	9	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB3	9	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD1	9	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE1	9	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE2	9	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HH	9	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:N	9	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:O	9	1.9
(2,2)	1:A:42:GLY:N	2:B:12:TYR:OH	9	1.9
(2,2)	1:A:42:GLY:O	2:B:3:GLY:C	9	1.9
(2,2)	1:A:42:GLY:O	2:B:3:GLY:CA	9	1.9
(2,2)	1:A:42:GLY:O	2:B:3:GLY:H	9	1.9
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA3	9	1.9
(2,2)	1:A:42:GLY:O	2:B:3:GLY:N	9	1.9
(2,2)	1:A:42:GLY:O	2:B:3:GLY:O	9	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:C	9	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:H	9	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG3	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:4:GLU:N	9	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:O	9	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:5:GLY:C	9	1.9
(2,2)	1:A:42:GLY:O	2:B:5:GLY:CA	9	1.9
(2,2)	1:A:42:GLY:O	2:B:5:GLY:H	9	1.9
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA3	9	1.9
(2,2)	1:A:42:GLY:O	2:B:5:GLY:N	9	1.9
(2,2)	1:A:42:GLY:O	2:B:5:GLY:O	9	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:C	9	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:H	9	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:N	9	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:O	9	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:C	9	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:H	9	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:N	9	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:O	9	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:C	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:H	9	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:N	9	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:O	9	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:9:GLY:C	9	1.9
(2,2)	1:A:42:GLY:O	2:B:9:GLY:CA	9	1.9
(2,2)	1:A:42:GLY:O	2:B:9:GLY:H	9	1.9
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA3	9	1.9
(2,2)	1:A:42:GLY:O	2:B:9:GLY:N	9	1.9
(2,2)	1:A:42:GLY:O	2:B:9:GLY:O	9	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:C	9	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:H	9	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:N	9	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:O	9	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:C	9	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CA	9	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CB	9	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CD	9	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CG	9	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:H	9	1.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HA	9	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB3	9	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG3	9	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:N	9	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:O	9	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE1	9	1.9
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:C	9	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CA	9	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CB	9	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD1	9	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE1	9	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CG	9	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CZ	9	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:H	9	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HA	9	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB3	9	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD1	9	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE1	9	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE2	9	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HH	9	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:N	9	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:O	9	1.9
(2,2)	1:A:42:GLY:O	2:B:12:TYR:OH	9	1.9
(2,2)	1:A:42:GLY:C	2:B:3:GLY:C	2	1.88
(2,2)	1:A:42:GLY:C	2:B:3:GLY:CA	2	1.88
(2,2)	1:A:42:GLY:C	2:B:3:GLY:H	2	1.88
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA3	2	1.88
(2,2)	1:A:42:GLY:C	2:B:3:GLY:N	2	1.88
(2,2)	1:A:42:GLY:C	2:B:3:GLY:O	2	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:C	2	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CG	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:4:GLU:H	2	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:N	2	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:O	2	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:5:GLY:C	2	1.88
(2,2)	1:A:42:GLY:C	2:B:5:GLY:CA	2	1.88
(2,2)	1:A:42:GLY:C	2:B:5:GLY:H	2	1.88
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA3	2	1.88
(2,2)	1:A:42:GLY:C	2:B:5:GLY:N	2	1.88
(2,2)	1:A:42:GLY:C	2:B:5:GLY:O	2	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:C	2	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:H	2	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:N	2	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:O	2	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:C	2	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:H	2	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG2	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:N	2	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:O	2	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:C	2	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:H	2	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:N	2	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:O	2	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:9:GLY:C	2	1.88
(2,2)	1:A:42:GLY:C	2:B:9:GLY:CA	2	1.88
(2,2)	1:A:42:GLY:C	2:B:9:GLY:H	2	1.88
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA3	2	1.88
(2,2)	1:A:42:GLY:C	2:B:9:GLY:N	2	1.88
(2,2)	1:A:42:GLY:C	2:B:9:GLY:O	2	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:C	2	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:H	2	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:N	2	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:O	2	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE2	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:11:GLU:C	2	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:H	2	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:N	2	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:O	2	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:C	2	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CA	2	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CB	2	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD1	2	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE1	2	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CG	2	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CZ	2	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:H	2	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HA	2	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB3	2	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD1	2	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE1	2	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE2	2	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HH	2	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:N	2	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:O	2	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:OH	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:C	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:CA	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:H	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA3	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:N	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:O	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:C	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:H	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:N	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:O	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:C	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:CA	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:H	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA3	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:N	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:O	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:C	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:H	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:N	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:O	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:C	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CD	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:H	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:N	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:O	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:C	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:H	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:N	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:O	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:C	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:CA	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:H	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA3	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:N	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:O	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:C	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:H	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB3	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:N	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:O	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:C	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:H	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:N	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:O	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:C	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CA	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CB	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD1	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE1	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CG	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CZ	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:H	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HA	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB3	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD1	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE1	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE2	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HH	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:N	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:O	2	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:OH	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:3:GLY:C	2	1.88
(2,2)	1:A:42:GLY:H	2:B:3:GLY:CA	2	1.88
(2,2)	1:A:42:GLY:H	2:B:3:GLY:H	2	1.88
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	2	1.88
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	2	1.88
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	2	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	2	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	2	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	2	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	2	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	2	1.88
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	2	1.88
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	2	1.88
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	2	1.88
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	2	1.88
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	2	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	2	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	2	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	2	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	2	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:H	2	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:N	2	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:O	2	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:C	2	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:H	2	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:N	2	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:O	2	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:9:GLY:C	2	1.88
(2,2)	1:A:42:GLY:H	2:B:9:GLY:CA	2	1.88
(2,2)	1:A:42:GLY:H	2:B:9:GLY:H	2	1.88
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA3	2	1.88
(2,2)	1:A:42:GLY:H	2:B:9:GLY:N	2	1.88
(2,2)	1:A:42:GLY:H	2:B:9:GLY:O	2	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:C	2	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CB	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:H	2	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:N	2	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:O	2	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:C	2	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:H	2	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:N	2	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:O	2	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:C	2	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CA	2	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CB	2	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD1	2	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE1	2	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CG	2	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CZ	2	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:H	2	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HA	2	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB3	2	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD1	2	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD2	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE1	2	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE2	2	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HH	2	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:N	2	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:O	2	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:OH	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:C	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:CA	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:H	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA3	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:N	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:O	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:C	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:H	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:N	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:O	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:C	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:CA	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:H	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA3	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:N	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:O	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:C	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:H	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HA	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:N	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:O	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:C	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:H	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:N	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:O	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:C	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:H	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:N	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:O	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:C	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:CA	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:H	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA2	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA3	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:N	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:O	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:C	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:H	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:N	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:O	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:C	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:H	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:N	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:O	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:C	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CA	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CB	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD1	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE1	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CG	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CZ	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:H	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HA	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB3	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD1	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE1	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE2	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HH	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:N	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:O	2	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:OH	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:C	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:CA	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:H	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA3	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:N	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:O	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:C	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:H	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:N	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:O	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:C	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:CA	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:H	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA3	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:N	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:O	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:C	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:H	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:N	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:O	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:C	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:H	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:N	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:O	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:C	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:H	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:N	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:O	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:C	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CG	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CZ	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:H	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HA	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB3	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD1	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE1	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE2	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HH	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:N	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:O	2	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:OH	2	1.88
(2,2)	1:A:42:GLY:N	2:B:3:GLY:C	2	1.88
(2,2)	1:A:42:GLY:N	2:B:3:GLY:CA	2	1.88
(2,2)	1:A:42:GLY:N	2:B:3:GLY:H	2	1.88
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA3	2	1.88
(2,2)	1:A:42:GLY:N	2:B:3:GLY:N	2	1.88
(2,2)	1:A:42:GLY:N	2:B:3:GLY:O	2	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:C	2	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:H	2	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:N	2	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:O	2	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:5:GLY:C	2	1.88
(2,2)	1:A:42:GLY:N	2:B:5:GLY:CA	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:5:GLY:H	2	1.88
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA3	2	1.88
(2,2)	1:A:42:GLY:N	2:B:5:GLY:N	2	1.88
(2,2)	1:A:42:GLY:N	2:B:5:GLY:O	2	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:C	2	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:H	2	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:N	2	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:O	2	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:C	2	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:H	2	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:N	2	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:O	2	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:C	2	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:H	2	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HA	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	2	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	2	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	2	1.88
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	2	1.88
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	2	1.88
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	2	1.88
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	2	1.88
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	2	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	2	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	2	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	2	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	2	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	2	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	2	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	2	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	2	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CA	2	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CB	2	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD1	2	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE1	2	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CG	2	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CZ	2	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:H	2	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HA	2	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB3	2	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD1	2	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE1	2	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE2	2	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HH	2	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:N	2	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:O	2	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:OH	2	1.88
(2,2)	1:A:42:GLY:O	2:B:3:GLY:C	2	1.88
(2,2)	1:A:42:GLY:O	2:B:3:GLY:CA	2	1.88
(2,2)	1:A:42:GLY:O	2:B:3:GLY:H	2	1.88
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA3	2	1.88
(2,2)	1:A:42:GLY:O	2:B:3:GLY:N	2	1.88
(2,2)	1:A:42:GLY:O	2:B:3:GLY:O	2	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:C	2	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:H	2	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG3	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:4:GLU:N	2	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:O	2	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:5:GLY:C	2	1.88
(2,2)	1:A:42:GLY:O	2:B:5:GLY:CA	2	1.88
(2,2)	1:A:42:GLY:O	2:B:5:GLY:H	2	1.88
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA3	2	1.88
(2,2)	1:A:42:GLY:O	2:B:5:GLY:N	2	1.88
(2,2)	1:A:42:GLY:O	2:B:5:GLY:O	2	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:C	2	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:H	2	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:N	2	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:O	2	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:C	2	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:H	2	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:N	2	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:O	2	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:C	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:H	2	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:N	2	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:O	2	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:9:GLY:C	2	1.88
(2,2)	1:A:42:GLY:O	2:B:9:GLY:CA	2	1.88
(2,2)	1:A:42:GLY:O	2:B:9:GLY:H	2	1.88
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA3	2	1.88
(2,2)	1:A:42:GLY:O	2:B:9:GLY:N	2	1.88
(2,2)	1:A:42:GLY:O	2:B:9:GLY:O	2	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:C	2	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:H	2	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:N	2	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:O	2	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:C	2	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CA	2	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CB	2	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CD	2	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CG	2	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:H	2	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HA	2	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB3	2	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG3	2	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:N	2	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:O	2	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE1	2	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:C	2	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CA	2	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CB	2	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD1	2	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE1	2	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CG	2	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CZ	2	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:H	2	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HA	2	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB3	2	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD1	2	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE1	2	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE2	2	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HH	2	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:N	2	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:O	2	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:OH	2	1.88
(2,2)	1:A:42:GLY:C	2:B:3:GLY:C	4	1.88
(2,2)	1:A:42:GLY:C	2:B:3:GLY:CA	4	1.88
(2,2)	1:A:42:GLY:C	2:B:3:GLY:H	4	1.88
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA3	4	1.88
(2,2)	1:A:42:GLY:C	2:B:3:GLY:N	4	1.88
(2,2)	1:A:42:GLY:C	2:B:3:GLY:O	4	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:C	4	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CG	4	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:4:GLU:H	4	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:N	4	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:O	4	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:5:GLY:C	4	1.88
(2,2)	1:A:42:GLY:C	2:B:5:GLY:CA	4	1.88
(2,2)	1:A:42:GLY:C	2:B:5:GLY:H	4	1.88
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA3	4	1.88
(2,2)	1:A:42:GLY:C	2:B:5:GLY:N	4	1.88
(2,2)	1:A:42:GLY:C	2:B:5:GLY:O	4	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:C	4	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:H	4	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:N	4	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:O	4	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:C	4	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:H	4	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG2	4	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:N	4	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:O	4	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:C	4	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:H	4	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:N	4	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:O	4	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:9:GLY:C	4	1.88
(2,2)	1:A:42:GLY:C	2:B:9:GLY:CA	4	1.88
(2,2)	1:A:42:GLY:C	2:B:9:GLY:H	4	1.88
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA3	4	1.88
(2,2)	1:A:42:GLY:C	2:B:9:GLY:N	4	1.88
(2,2)	1:A:42:GLY:C	2:B:9:GLY:O	4	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:C	4	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:H	4	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:N	4	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:O	4	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE2	4	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:11:GLU:C	4	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:H	4	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:N	4	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:O	4	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:C	4	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CA	4	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CB	4	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD1	4	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE1	4	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CG	4	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CZ	4	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:H	4	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HA	4	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB3	4	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD1	4	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE1	4	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE2	4	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HH	4	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:N	4	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:O	4	1.88
(2,2)	1:A:42:GLY:C	2:B:12:TYR:OH	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:C	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:CA	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:H	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA3	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:N	4	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:O	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:C	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:H	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:N	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:O	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:C	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:CA	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:H	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA3	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:N	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:O	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:C	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:H	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:N	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:O	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:C	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CD	4	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:H	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:N	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:O	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:C	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:H	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:N	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:O	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:C	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:CA	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:H	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA3	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:N	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:O	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:C	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:H	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB3	4	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:N	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:O	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:C	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:H	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:N	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:O	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:C	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CA	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CB	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD1	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE1	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CG	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CZ	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:H	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HA	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB3	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD1	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE1	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE2	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HH	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:N	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:O	4	1.88
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:OH	4	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:3:GLY:C	4	1.88
(2,2)	1:A:42:GLY:H	2:B:3:GLY:CA	4	1.88
(2,2)	1:A:42:GLY:H	2:B:3:GLY:H	4	1.88
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	4	1.88
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	4	1.88
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	4	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	4	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	4	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	4	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	4	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	4	1.88
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	4	1.88
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	4	1.88
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	4	1.88
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	4	1.88
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	4	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	4	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	4	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	4	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	4	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	4	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:H	4	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:N	4	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:O	4	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:C	4	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:H	4	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:N	4	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:O	4	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:9:GLY:C	4	1.88
(2,2)	1:A:42:GLY:H	2:B:9:GLY:CA	4	1.88
(2,2)	1:A:42:GLY:H	2:B:9:GLY:H	4	1.88
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA3	4	1.88
(2,2)	1:A:42:GLY:H	2:B:9:GLY:N	4	1.88
(2,2)	1:A:42:GLY:H	2:B:9:GLY:O	4	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:C	4	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CB	4	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:H	4	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:N	4	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:O	4	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:C	4	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:H	4	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:N	4	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:O	4	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:C	4	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CA	4	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CB	4	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD1	4	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE1	4	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CG	4	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CZ	4	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:H	4	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HA	4	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB3	4	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD1	4	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD2	4	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE1	4	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE2	4	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HH	4	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:N	4	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:O	4	1.88
(2,2)	1:A:42:GLY:H	2:B:12:TYR:OH	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:C	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:CA	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:H	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA3	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:N	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:O	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:C	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:H	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:N	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:O	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:C	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:CA	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:H	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA3	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:N	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:O	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:C	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:H	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HA	4	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:N	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:O	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:C	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:H	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:N	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:O	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:C	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:H	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:N	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:O	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:C	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:CA	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:H	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA2	4	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA3	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:N	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:O	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:C	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:H	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:N	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:O	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:C	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:H	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:N	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:O	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:C	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CA	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CB	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD1	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE1	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CG	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CZ	4	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:H	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HA	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB3	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD1	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE1	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE2	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HH	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:N	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:O	4	1.88
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:OH	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:C	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:CA	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:H	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA3	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:N	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:O	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:C	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:H	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:N	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:O	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:C	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:CA	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:H	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA3	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:N	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:O	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:C	4	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:H	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:N	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:O	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:C	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:H	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:N	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:O	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:C	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:H	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:N	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:O	4	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:C	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	4	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CG	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CZ	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:H	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HA	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB3	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD1	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE1	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE2	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HH	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:N	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:O	4	1.88
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:OH	4	1.88
(2,2)	1:A:42:GLY:N	2:B:3:GLY:C	4	1.88
(2,2)	1:A:42:GLY:N	2:B:3:GLY:CA	4	1.88
(2,2)	1:A:42:GLY:N	2:B:3:GLY:H	4	1.88
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA3	4	1.88
(2,2)	1:A:42:GLY:N	2:B:3:GLY:N	4	1.88
(2,2)	1:A:42:GLY:N	2:B:3:GLY:O	4	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:C	4	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:H	4	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:N	4	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:O	4	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:5:GLY:C	4	1.88
(2,2)	1:A:42:GLY:N	2:B:5:GLY:CA	4	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:5:GLY:H	4	1.88
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA3	4	1.88
(2,2)	1:A:42:GLY:N	2:B:5:GLY:N	4	1.88
(2,2)	1:A:42:GLY:N	2:B:5:GLY:O	4	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:C	4	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:H	4	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:N	4	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:O	4	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:C	4	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:H	4	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:N	4	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:O	4	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:C	4	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:H	4	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HA	4	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	4	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	4	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	4	1.88
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	4	1.88
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	4	1.88
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	4	1.88
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	4	1.88
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	4	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	4	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	4	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	4	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	4	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	4	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	4	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	4	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	4	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	4	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CA	4	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CB	4	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD1	4	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE1	4	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CG	4	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CZ	4	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:H	4	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HA	4	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB3	4	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD1	4	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE1	4	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE2	4	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HH	4	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:N	4	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:O	4	1.88
(2,2)	1:A:42:GLY:N	2:B:12:TYR:OH	4	1.88
(2,2)	1:A:42:GLY:O	2:B:3:GLY:C	4	1.88
(2,2)	1:A:42:GLY:O	2:B:3:GLY:CA	4	1.88
(2,2)	1:A:42:GLY:O	2:B:3:GLY:H	4	1.88
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA3	4	1.88
(2,2)	1:A:42:GLY:O	2:B:3:GLY:N	4	1.88
(2,2)	1:A:42:GLY:O	2:B:3:GLY:O	4	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:C	4	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:H	4	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG3	4	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:4:GLU:N	4	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:O	4	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:5:GLY:C	4	1.88
(2,2)	1:A:42:GLY:O	2:B:5:GLY:CA	4	1.88
(2,2)	1:A:42:GLY:O	2:B:5:GLY:H	4	1.88
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA3	4	1.88
(2,2)	1:A:42:GLY:O	2:B:5:GLY:N	4	1.88
(2,2)	1:A:42:GLY:O	2:B:5:GLY:O	4	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:C	4	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:H	4	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:N	4	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:O	4	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:C	4	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:H	4	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:N	4	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:O	4	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:C	4	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:H	4	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:N	4	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:O	4	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:9:GLY:C	4	1.88
(2,2)	1:A:42:GLY:O	2:B:9:GLY:CA	4	1.88
(2,2)	1:A:42:GLY:O	2:B:9:GLY:H	4	1.88
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA3	4	1.88
(2,2)	1:A:42:GLY:O	2:B:9:GLY:N	4	1.88
(2,2)	1:A:42:GLY:O	2:B:9:GLY:O	4	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:C	4	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:H	4	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:N	4	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:O	4	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:C	4	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CA	4	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CB	4	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CD	4	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CG	4	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:H	4	1.88

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HA	4	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB3	4	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG3	4	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:N	4	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:O	4	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE1	4	1.88
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:C	4	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CA	4	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CB	4	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD1	4	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE1	4	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CG	4	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CZ	4	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:H	4	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HA	4	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB3	4	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD1	4	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE1	4	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE2	4	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HH	4	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:N	4	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:O	4	1.88
(2,2)	1:A:42:GLY:O	2:B:12:TYR:OH	4	1.88
(2,2)	1:A:42:GLY:C	2:B:3:GLY:C	19	1.87
(2,2)	1:A:42:GLY:C	2:B:3:GLY:CA	19	1.87
(2,2)	1:A:42:GLY:C	2:B:3:GLY:H	19	1.87
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA3	19	1.87
(2,2)	1:A:42:GLY:C	2:B:3:GLY:N	19	1.87
(2,2)	1:A:42:GLY:C	2:B:3:GLY:O	19	1.87
(2,2)	1:A:42:GLY:C	2:B:4:GLU:C	19	1.87
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CG	19	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:4:GLU:H	19	1.87
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:C	2:B:4:GLU:N	19	1.87
(2,2)	1:A:42:GLY:C	2:B:4:GLU:O	19	1.87
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:5:GLY:C	19	1.87
(2,2)	1:A:42:GLY:C	2:B:5:GLY:CA	19	1.87
(2,2)	1:A:42:GLY:C	2:B:5:GLY:H	19	1.87
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA3	19	1.87
(2,2)	1:A:42:GLY:C	2:B:5:GLY:N	19	1.87
(2,2)	1:A:42:GLY:C	2:B:5:GLY:O	19	1.87
(2,2)	1:A:42:GLY:C	2:B:6:GLU:C	19	1.87
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:C	2:B:6:GLU:H	19	1.87
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:C	2:B:6:GLU:N	19	1.87
(2,2)	1:A:42:GLY:C	2:B:6:GLU:O	19	1.87
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:7:GLU:C	19	1.87
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:C	2:B:7:GLU:H	19	1.87
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG2	19	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:C	2:B:7:GLU:N	19	1.87
(2,2)	1:A:42:GLY:C	2:B:7:GLU:O	19	1.87
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:8:GLU:C	19	1.87
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:C	2:B:8:GLU:H	19	1.87
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:C	2:B:8:GLU:N	19	1.87
(2,2)	1:A:42:GLY:C	2:B:8:GLU:O	19	1.87
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:9:GLY:C	19	1.87
(2,2)	1:A:42:GLY:C	2:B:9:GLY:CA	19	1.87
(2,2)	1:A:42:GLY:C	2:B:9:GLY:H	19	1.87
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA3	19	1.87
(2,2)	1:A:42:GLY:C	2:B:9:GLY:N	19	1.87
(2,2)	1:A:42:GLY:C	2:B:9:GLY:O	19	1.87
(2,2)	1:A:42:GLY:C	2:B:10:GLU:C	19	1.87
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:C	2:B:10:GLU:H	19	1.87
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:C	2:B:10:GLU:N	19	1.87
(2,2)	1:A:42:GLY:C	2:B:10:GLU:O	19	1.87
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE2	19	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:11:GLU:C	19	1.87
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:C	2:B:11:GLU:H	19	1.87
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:C	2:B:11:GLU:N	19	1.87
(2,2)	1:A:42:GLY:C	2:B:11:GLU:O	19	1.87
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:12:TYR:C	19	1.87
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CA	19	1.87
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CB	19	1.87
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD1	19	1.87
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE1	19	1.87
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CG	19	1.87
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CZ	19	1.87
(2,2)	1:A:42:GLY:C	2:B:12:TYR:H	19	1.87
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HA	19	1.87
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB3	19	1.87
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD1	19	1.87
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE1	19	1.87
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE2	19	1.87
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HH	19	1.87
(2,2)	1:A:42:GLY:C	2:B:12:TYR:N	19	1.87
(2,2)	1:A:42:GLY:C	2:B:12:TYR:O	19	1.87
(2,2)	1:A:42:GLY:C	2:B:12:TYR:OH	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:C	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:CA	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:H	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA3	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:N	19	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:O	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:C	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:H	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:N	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:O	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:C	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:CA	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:H	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA3	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:N	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:O	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:C	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:H	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:N	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:O	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:C	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CD	19	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:H	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:N	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:O	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:C	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:H	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:N	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:O	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:C	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:CA	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:H	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA3	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:N	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:O	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:C	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:H	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB3	19	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:N	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:O	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:C	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:H	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:N	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:O	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:C	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CA	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CB	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD1	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE1	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CG	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CZ	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:H	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HA	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB3	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD1	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE1	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE2	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HH	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:N	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:O	19	1.87
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:OH	19	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:3:GLY:C	19	1.87
(2,2)	1:A:42:GLY:H	2:B:3:GLY:CA	19	1.87
(2,2)	1:A:42:GLY:H	2:B:3:GLY:H	19	1.87
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	19	1.87
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	19	1.87
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	19	1.87
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	19	1.87
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	19	1.87
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	19	1.87
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	19	1.87
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	19	1.87
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	19	1.87
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	19	1.87
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	19	1.87
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	19	1.87
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	19	1.87
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	19	1.87
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	19	1.87
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	19	1.87
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	19	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	19	1.87
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:H	2:B:7:GLU:H	19	1.87
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:H	2:B:7:GLU:N	19	1.87
(2,2)	1:A:42:GLY:H	2:B:7:GLU:O	19	1.87
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:8:GLU:C	19	1.87
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:H	2:B:8:GLU:H	19	1.87
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:H	2:B:8:GLU:N	19	1.87
(2,2)	1:A:42:GLY:H	2:B:8:GLU:O	19	1.87
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:9:GLY:C	19	1.87
(2,2)	1:A:42:GLY:H	2:B:9:GLY:CA	19	1.87
(2,2)	1:A:42:GLY:H	2:B:9:GLY:H	19	1.87
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA3	19	1.87
(2,2)	1:A:42:GLY:H	2:B:9:GLY:N	19	1.87
(2,2)	1:A:42:GLY:H	2:B:9:GLY:O	19	1.87
(2,2)	1:A:42:GLY:H	2:B:10:GLU:C	19	1.87
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CB	19	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:H	2:B:10:GLU:H	19	1.87
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:H	2:B:10:GLU:N	19	1.87
(2,2)	1:A:42:GLY:H	2:B:10:GLU:O	19	1.87
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:11:GLU:C	19	1.87
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:H	2:B:11:GLU:H	19	1.87
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:H	2:B:11:GLU:N	19	1.87
(2,2)	1:A:42:GLY:H	2:B:11:GLU:O	19	1.87
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:12:TYR:C	19	1.87
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CA	19	1.87
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CB	19	1.87
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD1	19	1.87
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE1	19	1.87
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CG	19	1.87
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CZ	19	1.87
(2,2)	1:A:42:GLY:H	2:B:12:TYR:H	19	1.87
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HA	19	1.87
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB3	19	1.87
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD1	19	1.87
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD2	19	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE1	19	1.87
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE2	19	1.87
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HH	19	1.87
(2,2)	1:A:42:GLY:H	2:B:12:TYR:N	19	1.87
(2,2)	1:A:42:GLY:H	2:B:12:TYR:O	19	1.87
(2,2)	1:A:42:GLY:H	2:B:12:TYR:OH	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:C	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:CA	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:H	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA3	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:N	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:O	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:C	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:H	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:N	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:O	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:C	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:CA	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:H	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA3	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:N	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:O	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:C	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:H	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HA	19	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:N	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:O	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:C	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:H	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:N	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:O	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:C	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:H	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:N	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:O	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:C	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:CA	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:H	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA2	19	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA3	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:N	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:O	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:C	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:H	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:N	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:O	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:C	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:H	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:N	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:O	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:C	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CA	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CB	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD1	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE1	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CG	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CZ	19	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:H	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HA	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB3	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD1	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE1	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE2	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HH	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:N	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:O	19	1.87
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:OH	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:C	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:CA	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:H	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA3	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:N	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:O	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:C	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:H	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:N	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:O	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:C	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:CA	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:H	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA3	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:N	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:O	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:C	19	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:H	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:N	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:O	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:C	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:H	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:N	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:O	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:C	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:H	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:N	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:O	19	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:C	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	19	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CG	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CZ	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:H	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HA	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB3	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD1	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE1	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE2	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HH	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:N	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:O	19	1.87
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:OH	19	1.87
(2,2)	1:A:42:GLY:N	2:B:3:GLY:C	19	1.87
(2,2)	1:A:42:GLY:N	2:B:3:GLY:CA	19	1.87
(2,2)	1:A:42:GLY:N	2:B:3:GLY:H	19	1.87
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA3	19	1.87
(2,2)	1:A:42:GLY:N	2:B:3:GLY:N	19	1.87
(2,2)	1:A:42:GLY:N	2:B:3:GLY:O	19	1.87
(2,2)	1:A:42:GLY:N	2:B:4:GLU:C	19	1.87
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:N	2:B:4:GLU:H	19	1.87
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:N	2:B:4:GLU:N	19	1.87
(2,2)	1:A:42:GLY:N	2:B:4:GLU:O	19	1.87
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:5:GLY:C	19	1.87
(2,2)	1:A:42:GLY:N	2:B:5:GLY:CA	19	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:5:GLY:H	19	1.87
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA3	19	1.87
(2,2)	1:A:42:GLY:N	2:B:5:GLY:N	19	1.87
(2,2)	1:A:42:GLY:N	2:B:5:GLY:O	19	1.87
(2,2)	1:A:42:GLY:N	2:B:6:GLU:C	19	1.87
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:N	2:B:6:GLU:H	19	1.87
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:N	2:B:6:GLU:N	19	1.87
(2,2)	1:A:42:GLY:N	2:B:6:GLU:O	19	1.87
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:7:GLU:C	19	1.87
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:N	2:B:7:GLU:H	19	1.87
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:N	2:B:7:GLU:N	19	1.87
(2,2)	1:A:42:GLY:N	2:B:7:GLU:O	19	1.87
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:8:GLU:C	19	1.87
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:N	2:B:8:GLU:H	19	1.87
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HA	19	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	19	1.87
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	19	1.87
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	19	1.87
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	19	1.87
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	19	1.87
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	19	1.87
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	19	1.87
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	19	1.87
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	19	1.87
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	19	1.87
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	19	1.87
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	19	1.87
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	19	1.87
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	19	1.87
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	19	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	19	1.87
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	19	1.87
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CA	19	1.87
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CB	19	1.87
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD1	19	1.87
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE1	19	1.87
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CG	19	1.87
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CZ	19	1.87
(2,2)	1:A:42:GLY:N	2:B:12:TYR:H	19	1.87
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HA	19	1.87
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB3	19	1.87
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD1	19	1.87
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE1	19	1.87
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE2	19	1.87
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HH	19	1.87
(2,2)	1:A:42:GLY:N	2:B:12:TYR:N	19	1.87
(2,2)	1:A:42:GLY:N	2:B:12:TYR:O	19	1.87
(2,2)	1:A:42:GLY:N	2:B:12:TYR:OH	19	1.87
(2,2)	1:A:42:GLY:O	2:B:3:GLY:C	19	1.87
(2,2)	1:A:42:GLY:O	2:B:3:GLY:CA	19	1.87
(2,2)	1:A:42:GLY:O	2:B:3:GLY:H	19	1.87
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA3	19	1.87
(2,2)	1:A:42:GLY:O	2:B:3:GLY:N	19	1.87
(2,2)	1:A:42:GLY:O	2:B:3:GLY:O	19	1.87
(2,2)	1:A:42:GLY:O	2:B:4:GLU:C	19	1.87
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:O	2:B:4:GLU:H	19	1.87
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG3	19	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:4:GLU:N	19	1.87
(2,2)	1:A:42:GLY:O	2:B:4:GLU:O	19	1.87
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:5:GLY:C	19	1.87
(2,2)	1:A:42:GLY:O	2:B:5:GLY:CA	19	1.87
(2,2)	1:A:42:GLY:O	2:B:5:GLY:H	19	1.87
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA3	19	1.87
(2,2)	1:A:42:GLY:O	2:B:5:GLY:N	19	1.87
(2,2)	1:A:42:GLY:O	2:B:5:GLY:O	19	1.87
(2,2)	1:A:42:GLY:O	2:B:6:GLU:C	19	1.87
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:O	2:B:6:GLU:H	19	1.87
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:O	2:B:6:GLU:N	19	1.87
(2,2)	1:A:42:GLY:O	2:B:6:GLU:O	19	1.87
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:7:GLU:C	19	1.87
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:O	2:B:7:GLU:H	19	1.87
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:O	2:B:7:GLU:N	19	1.87
(2,2)	1:A:42:GLY:O	2:B:7:GLU:O	19	1.87
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:8:GLU:C	19	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:O	2:B:8:GLU:H	19	1.87
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:O	2:B:8:GLU:N	19	1.87
(2,2)	1:A:42:GLY:O	2:B:8:GLU:O	19	1.87
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:9:GLY:C	19	1.87
(2,2)	1:A:42:GLY:O	2:B:9:GLY:CA	19	1.87
(2,2)	1:A:42:GLY:O	2:B:9:GLY:H	19	1.87
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA3	19	1.87
(2,2)	1:A:42:GLY:O	2:B:9:GLY:N	19	1.87
(2,2)	1:A:42:GLY:O	2:B:9:GLY:O	19	1.87
(2,2)	1:A:42:GLY:O	2:B:10:GLU:C	19	1.87
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:O	2:B:10:GLU:H	19	1.87
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:O	2:B:10:GLU:N	19	1.87
(2,2)	1:A:42:GLY:O	2:B:10:GLU:O	19	1.87
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:11:GLU:C	19	1.87
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CA	19	1.87
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CB	19	1.87
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CD	19	1.87
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CG	19	1.87
(2,2)	1:A:42:GLY:O	2:B:11:GLU:H	19	1.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HA	19	1.87
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB3	19	1.87
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG3	19	1.87
(2,2)	1:A:42:GLY:O	2:B:11:GLU:N	19	1.87
(2,2)	1:A:42:GLY:O	2:B:11:GLU:O	19	1.87
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE1	19	1.87
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:12:TYR:C	19	1.87
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CA	19	1.87
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CB	19	1.87
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD1	19	1.87
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE1	19	1.87
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CG	19	1.87
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CZ	19	1.87
(2,2)	1:A:42:GLY:O	2:B:12:TYR:H	19	1.87
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HA	19	1.87
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB3	19	1.87
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD1	19	1.87
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE1	19	1.87
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE2	19	1.87
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HH	19	1.87
(2,2)	1:A:42:GLY:O	2:B:12:TYR:N	19	1.87
(2,2)	1:A:42:GLY:O	2:B:12:TYR:O	19	1.87
(2,2)	1:A:42:GLY:O	2:B:12:TYR:OH	19	1.87
(2,2)	1:A:42:GLY:C	2:B:3:GLY:C	8	1.86
(2,2)	1:A:42:GLY:C	2:B:3:GLY:CA	8	1.86
(2,2)	1:A:42:GLY:C	2:B:3:GLY:H	8	1.86
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA3	8	1.86
(2,2)	1:A:42:GLY:C	2:B:3:GLY:N	8	1.86
(2,2)	1:A:42:GLY:C	2:B:3:GLY:O	8	1.86
(2,2)	1:A:42:GLY:C	2:B:4:GLU:C	8	1.86
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CG	8	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:4:GLU:H	8	1.86
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:C	2:B:4:GLU:N	8	1.86
(2,2)	1:A:42:GLY:C	2:B:4:GLU:O	8	1.86
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:5:GLY:C	8	1.86
(2,2)	1:A:42:GLY:C	2:B:5:GLY:CA	8	1.86
(2,2)	1:A:42:GLY:C	2:B:5:GLY:H	8	1.86
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA3	8	1.86
(2,2)	1:A:42:GLY:C	2:B:5:GLY:N	8	1.86
(2,2)	1:A:42:GLY:C	2:B:5:GLY:O	8	1.86
(2,2)	1:A:42:GLY:C	2:B:6:GLU:C	8	1.86
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:C	2:B:6:GLU:H	8	1.86
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:C	2:B:6:GLU:N	8	1.86
(2,2)	1:A:42:GLY:C	2:B:6:GLU:O	8	1.86
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:7:GLU:C	8	1.86
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:C	2:B:7:GLU:H	8	1.86
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG2	8	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:C	2:B:7:GLU:N	8	1.86
(2,2)	1:A:42:GLY:C	2:B:7:GLU:O	8	1.86
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:8:GLU:C	8	1.86
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:C	2:B:8:GLU:H	8	1.86
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:C	2:B:8:GLU:N	8	1.86
(2,2)	1:A:42:GLY:C	2:B:8:GLU:O	8	1.86
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:9:GLY:C	8	1.86
(2,2)	1:A:42:GLY:C	2:B:9:GLY:CA	8	1.86
(2,2)	1:A:42:GLY:C	2:B:9:GLY:H	8	1.86
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA3	8	1.86
(2,2)	1:A:42:GLY:C	2:B:9:GLY:N	8	1.86
(2,2)	1:A:42:GLY:C	2:B:9:GLY:O	8	1.86
(2,2)	1:A:42:GLY:C	2:B:10:GLU:C	8	1.86
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:C	2:B:10:GLU:H	8	1.86
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:C	2:B:10:GLU:N	8	1.86
(2,2)	1:A:42:GLY:C	2:B:10:GLU:O	8	1.86
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE2	8	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:11:GLU:C	8	1.86
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:C	2:B:11:GLU:H	8	1.86
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:C	2:B:11:GLU:N	8	1.86
(2,2)	1:A:42:GLY:C	2:B:11:GLU:O	8	1.86
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:12:TYR:C	8	1.86
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CA	8	1.86
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CB	8	1.86
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD1	8	1.86
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE1	8	1.86
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CG	8	1.86
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CZ	8	1.86
(2,2)	1:A:42:GLY:C	2:B:12:TYR:H	8	1.86
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HA	8	1.86
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB3	8	1.86
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD1	8	1.86
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE1	8	1.86
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE2	8	1.86
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HH	8	1.86
(2,2)	1:A:42:GLY:C	2:B:12:TYR:N	8	1.86
(2,2)	1:A:42:GLY:C	2:B:12:TYR:O	8	1.86
(2,2)	1:A:42:GLY:C	2:B:12:TYR:OH	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:C	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:CA	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:H	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA3	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:N	8	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:O	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:C	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:H	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:N	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:O	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:C	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:CA	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:H	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA3	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:N	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:O	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:C	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:H	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:N	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:O	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:C	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CD	8	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:H	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:N	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:O	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:C	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:H	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:N	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:O	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:C	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:CA	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:H	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA3	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:N	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:O	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:C	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:H	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB3	8	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:N	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:O	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:C	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:H	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:N	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:O	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:C	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CA	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CB	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD1	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE1	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CG	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CZ	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:H	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HA	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB3	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD1	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE1	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE2	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HH	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:N	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:O	8	1.86
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:OH	8	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:3:GLY:C	8	1.86
(2,2)	1:A:42:GLY:H	2:B:3:GLY:CA	8	1.86
(2,2)	1:A:42:GLY:H	2:B:3:GLY:H	8	1.86
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	8	1.86
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	8	1.86
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	8	1.86
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	8	1.86
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	8	1.86
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	8	1.86
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	8	1.86
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	8	1.86
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	8	1.86
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	8	1.86
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	8	1.86
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	8	1.86
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	8	1.86
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	8	1.86
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	8	1.86
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	8	1.86
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	8	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	8	1.86
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:H	2:B:7:GLU:H	8	1.86
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:H	2:B:7:GLU:N	8	1.86
(2,2)	1:A:42:GLY:H	2:B:7:GLU:O	8	1.86
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:8:GLU:C	8	1.86
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:H	2:B:8:GLU:H	8	1.86
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:H	2:B:8:GLU:N	8	1.86
(2,2)	1:A:42:GLY:H	2:B:8:GLU:O	8	1.86
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:9:GLY:C	8	1.86
(2,2)	1:A:42:GLY:H	2:B:9:GLY:CA	8	1.86
(2,2)	1:A:42:GLY:H	2:B:9:GLY:H	8	1.86
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA3	8	1.86
(2,2)	1:A:42:GLY:H	2:B:9:GLY:N	8	1.86
(2,2)	1:A:42:GLY:H	2:B:9:GLY:O	8	1.86
(2,2)	1:A:42:GLY:H	2:B:10:GLU:C	8	1.86
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CB	8	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:H	2:B:10:GLU:H	8	1.86
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:H	2:B:10:GLU:N	8	1.86
(2,2)	1:A:42:GLY:H	2:B:10:GLU:O	8	1.86
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:11:GLU:C	8	1.86
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:H	2:B:11:GLU:H	8	1.86
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:H	2:B:11:GLU:N	8	1.86
(2,2)	1:A:42:GLY:H	2:B:11:GLU:O	8	1.86
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:12:TYR:C	8	1.86
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CA	8	1.86
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CB	8	1.86
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD1	8	1.86
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE1	8	1.86
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CG	8	1.86
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CZ	8	1.86
(2,2)	1:A:42:GLY:H	2:B:12:TYR:H	8	1.86
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HA	8	1.86
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB3	8	1.86
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD1	8	1.86
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD2	8	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE1	8	1.86
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE2	8	1.86
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HH	8	1.86
(2,2)	1:A:42:GLY:H	2:B:12:TYR:N	8	1.86
(2,2)	1:A:42:GLY:H	2:B:12:TYR:O	8	1.86
(2,2)	1:A:42:GLY:H	2:B:12:TYR:OH	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:C	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:CA	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:H	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA3	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:N	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:O	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:C	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:H	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:N	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:O	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:C	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:CA	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:H	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA3	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:N	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:O	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:C	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:H	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HA	8	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:N	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:O	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:C	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:H	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:N	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:O	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:C	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:H	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:N	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:O	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:C	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:CA	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:H	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA2	8	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA3	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:N	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:O	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:C	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:H	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:N	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:O	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:C	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:H	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:N	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:O	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:C	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CA	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CB	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD1	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE1	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CG	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CZ	8	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:H	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HA	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB3	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD1	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE1	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE2	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HH	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:N	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:O	8	1.86
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:OH	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:C	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:CA	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:H	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA3	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:N	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:O	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:C	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:H	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:N	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:O	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:C	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:CA	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:H	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA3	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:N	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:O	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:C	8	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:H	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:N	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:O	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:C	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:H	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:N	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:O	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:C	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:H	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:N	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:O	8	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:C	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	8	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CG	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CZ	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:H	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HA	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB3	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD1	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE1	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE2	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HH	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:N	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:O	8	1.86
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:OH	8	1.86
(2,2)	1:A:42:GLY:N	2:B:3:GLY:C	8	1.86
(2,2)	1:A:42:GLY:N	2:B:3:GLY:CA	8	1.86
(2,2)	1:A:42:GLY:N	2:B:3:GLY:H	8	1.86
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA3	8	1.86
(2,2)	1:A:42:GLY:N	2:B:3:GLY:N	8	1.86
(2,2)	1:A:42:GLY:N	2:B:3:GLY:O	8	1.86
(2,2)	1:A:42:GLY:N	2:B:4:GLU:C	8	1.86
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:N	2:B:4:GLU:H	8	1.86
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:N	2:B:4:GLU:N	8	1.86
(2,2)	1:A:42:GLY:N	2:B:4:GLU:O	8	1.86
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:5:GLY:C	8	1.86
(2,2)	1:A:42:GLY:N	2:B:5:GLY:CA	8	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:5:GLY:H	8	1.86
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA3	8	1.86
(2,2)	1:A:42:GLY:N	2:B:5:GLY:N	8	1.86
(2,2)	1:A:42:GLY:N	2:B:5:GLY:O	8	1.86
(2,2)	1:A:42:GLY:N	2:B:6:GLU:C	8	1.86
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:N	2:B:6:GLU:H	8	1.86
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:N	2:B:6:GLU:N	8	1.86
(2,2)	1:A:42:GLY:N	2:B:6:GLU:O	8	1.86
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:7:GLU:C	8	1.86
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:N	2:B:7:GLU:H	8	1.86
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:N	2:B:7:GLU:N	8	1.86
(2,2)	1:A:42:GLY:N	2:B:7:GLU:O	8	1.86
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:8:GLU:C	8	1.86
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:N	2:B:8:GLU:H	8	1.86
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HA	8	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	8	1.86
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	8	1.86
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	8	1.86
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	8	1.86
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	8	1.86
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	8	1.86
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	8	1.86
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	8	1.86
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	8	1.86
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	8	1.86
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	8	1.86
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	8	1.86
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	8	1.86
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	8	1.86
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	8	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	8	1.86
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	8	1.86
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CA	8	1.86
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CB	8	1.86
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD1	8	1.86
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE1	8	1.86
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CG	8	1.86
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CZ	8	1.86
(2,2)	1:A:42:GLY:N	2:B:12:TYR:H	8	1.86
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HA	8	1.86
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB3	8	1.86
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD1	8	1.86
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE1	8	1.86
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE2	8	1.86
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HH	8	1.86
(2,2)	1:A:42:GLY:N	2:B:12:TYR:N	8	1.86
(2,2)	1:A:42:GLY:N	2:B:12:TYR:O	8	1.86
(2,2)	1:A:42:GLY:N	2:B:12:TYR:OH	8	1.86
(2,2)	1:A:42:GLY:O	2:B:3:GLY:C	8	1.86
(2,2)	1:A:42:GLY:O	2:B:3:GLY:CA	8	1.86
(2,2)	1:A:42:GLY:O	2:B:3:GLY:H	8	1.86
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA3	8	1.86
(2,2)	1:A:42:GLY:O	2:B:3:GLY:N	8	1.86
(2,2)	1:A:42:GLY:O	2:B:3:GLY:O	8	1.86
(2,2)	1:A:42:GLY:O	2:B:4:GLU:C	8	1.86
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:O	2:B:4:GLU:H	8	1.86
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG3	8	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:4:GLU:N	8	1.86
(2,2)	1:A:42:GLY:O	2:B:4:GLU:O	8	1.86
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:5:GLY:C	8	1.86
(2,2)	1:A:42:GLY:O	2:B:5:GLY:CA	8	1.86
(2,2)	1:A:42:GLY:O	2:B:5:GLY:H	8	1.86
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA3	8	1.86
(2,2)	1:A:42:GLY:O	2:B:5:GLY:N	8	1.86
(2,2)	1:A:42:GLY:O	2:B:5:GLY:O	8	1.86
(2,2)	1:A:42:GLY:O	2:B:6:GLU:C	8	1.86
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:O	2:B:6:GLU:H	8	1.86
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:O	2:B:6:GLU:N	8	1.86
(2,2)	1:A:42:GLY:O	2:B:6:GLU:O	8	1.86
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:7:GLU:C	8	1.86
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:O	2:B:7:GLU:H	8	1.86
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:O	2:B:7:GLU:N	8	1.86
(2,2)	1:A:42:GLY:O	2:B:7:GLU:O	8	1.86
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:8:GLU:C	8	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:O	2:B:8:GLU:H	8	1.86
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:O	2:B:8:GLU:N	8	1.86
(2,2)	1:A:42:GLY:O	2:B:8:GLU:O	8	1.86
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:9:GLY:C	8	1.86
(2,2)	1:A:42:GLY:O	2:B:9:GLY:CA	8	1.86
(2,2)	1:A:42:GLY:O	2:B:9:GLY:H	8	1.86
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA3	8	1.86
(2,2)	1:A:42:GLY:O	2:B:9:GLY:N	8	1.86
(2,2)	1:A:42:GLY:O	2:B:9:GLY:O	8	1.86
(2,2)	1:A:42:GLY:O	2:B:10:GLU:C	8	1.86
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:O	2:B:10:GLU:H	8	1.86
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:O	2:B:10:GLU:N	8	1.86
(2,2)	1:A:42:GLY:O	2:B:10:GLU:O	8	1.86
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:11:GLU:C	8	1.86
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CA	8	1.86
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CB	8	1.86
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CD	8	1.86
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CG	8	1.86
(2,2)	1:A:42:GLY:O	2:B:11:GLU:H	8	1.86

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HA	8	1.86
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB3	8	1.86
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG3	8	1.86
(2,2)	1:A:42:GLY:O	2:B:11:GLU:N	8	1.86
(2,2)	1:A:42:GLY:O	2:B:11:GLU:O	8	1.86
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE1	8	1.86
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:12:TYR:C	8	1.86
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CA	8	1.86
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CB	8	1.86
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD1	8	1.86
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE1	8	1.86
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CG	8	1.86
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CZ	8	1.86
(2,2)	1:A:42:GLY:O	2:B:12:TYR:H	8	1.86
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HA	8	1.86
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB3	8	1.86
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD1	8	1.86
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE1	8	1.86
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE2	8	1.86
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HH	8	1.86
(2,2)	1:A:42:GLY:O	2:B:12:TYR:N	8	1.86
(2,2)	1:A:42:GLY:O	2:B:12:TYR:O	8	1.86
(2,2)	1:A:42:GLY:O	2:B:12:TYR:OH	8	1.86
(2,2)	1:A:42:GLY:C	2:B:3:GLY:C	3	1.81
(2,2)	1:A:42:GLY:C	2:B:3:GLY:CA	3	1.81
(2,2)	1:A:42:GLY:C	2:B:3:GLY:H	3	1.81
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA3	3	1.81
(2,2)	1:A:42:GLY:C	2:B:3:GLY:N	3	1.81
(2,2)	1:A:42:GLY:C	2:B:3:GLY:O	3	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:C	3	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CG	3	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:4:GLU:H	3	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:N	3	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:O	3	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:5:GLY:C	3	1.81
(2,2)	1:A:42:GLY:C	2:B:5:GLY:CA	3	1.81
(2,2)	1:A:42:GLY:C	2:B:5:GLY:H	3	1.81
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA3	3	1.81
(2,2)	1:A:42:GLY:C	2:B:5:GLY:N	3	1.81
(2,2)	1:A:42:GLY:C	2:B:5:GLY:O	3	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:C	3	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:H	3	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:N	3	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:O	3	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:C	3	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:H	3	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG2	3	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:N	3	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:O	3	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:C	3	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:H	3	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:N	3	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:O	3	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:9:GLY:C	3	1.81
(2,2)	1:A:42:GLY:C	2:B:9:GLY:CA	3	1.81
(2,2)	1:A:42:GLY:C	2:B:9:GLY:H	3	1.81
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA3	3	1.81
(2,2)	1:A:42:GLY:C	2:B:9:GLY:N	3	1.81
(2,2)	1:A:42:GLY:C	2:B:9:GLY:O	3	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:C	3	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:H	3	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:N	3	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:O	3	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE2	3	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:11:GLU:C	3	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:H	3	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:N	3	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:O	3	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:C	3	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CA	3	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CB	3	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD1	3	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE1	3	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CG	3	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CZ	3	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:H	3	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HA	3	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB3	3	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD1	3	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE1	3	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE2	3	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HH	3	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:N	3	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:O	3	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:OH	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:C	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:CA	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:H	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA3	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:N	3	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:O	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:C	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:H	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:N	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:O	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:C	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:CA	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:H	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA3	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:N	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:O	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:C	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:H	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:N	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:O	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:C	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CD	3	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:H	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:N	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:O	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:C	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:H	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:N	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:O	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:C	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:CA	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:H	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA3	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:N	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:O	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:C	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:H	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB3	3	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:N	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:O	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:C	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:H	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:N	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:O	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:C	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CA	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CB	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD1	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE1	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CG	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CZ	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:H	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HA	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB3	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD1	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE1	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE2	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HH	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:N	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:O	3	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:OH	3	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:3:GLY:C	3	1.81
(2,2)	1:A:42:GLY:H	2:B:3:GLY:CA	3	1.81
(2,2)	1:A:42:GLY:H	2:B:3:GLY:H	3	1.81
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	3	1.81
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	3	1.81
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	3	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	3	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	3	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	3	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	3	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	3	1.81
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	3	1.81
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	3	1.81
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	3	1.81
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	3	1.81
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	3	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	3	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	3	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	3	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	3	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	3	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:H	3	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:N	3	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:O	3	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:C	3	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:H	3	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:N	3	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:O	3	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:9:GLY:C	3	1.81
(2,2)	1:A:42:GLY:H	2:B:9:GLY:CA	3	1.81
(2,2)	1:A:42:GLY:H	2:B:9:GLY:H	3	1.81
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA3	3	1.81
(2,2)	1:A:42:GLY:H	2:B:9:GLY:N	3	1.81
(2,2)	1:A:42:GLY:H	2:B:9:GLY:O	3	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:C	3	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CB	3	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:H	3	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:N	3	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:O	3	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:C	3	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:H	3	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:N	3	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:O	3	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:C	3	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CA	3	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CB	3	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD1	3	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE1	3	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CG	3	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CZ	3	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:H	3	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HA	3	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB3	3	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD1	3	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD2	3	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE1	3	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE2	3	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HH	3	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:N	3	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:O	3	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:OH	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:C	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:CA	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:H	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA3	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:N	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:O	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:C	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:H	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:N	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:O	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:C	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:CA	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:H	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA3	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:N	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:O	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:C	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:H	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HA	3	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:N	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:O	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:C	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:H	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:N	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:O	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:C	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:H	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:N	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:O	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:C	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:CA	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:H	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA2	3	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA3	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:N	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:O	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:C	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:H	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:N	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:O	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:C	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:H	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:N	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:O	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:C	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CA	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CB	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD1	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE1	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CG	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CZ	3	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:H	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HA	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB3	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD1	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE1	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE2	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HH	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:N	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:O	3	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:OH	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:C	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:CA	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:H	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA3	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:N	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:O	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:C	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:H	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:N	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:O	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:C	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:CA	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:H	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA3	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:N	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:O	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:C	3	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:H	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:N	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:O	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:C	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:H	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:N	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:O	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:C	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:H	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:N	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:O	3	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:C	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	3	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CG	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CZ	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:H	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HA	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB3	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD1	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE1	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE2	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HH	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:N	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:O	3	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:OH	3	1.81
(2,2)	1:A:42:GLY:N	2:B:3:GLY:C	3	1.81
(2,2)	1:A:42:GLY:N	2:B:3:GLY:CA	3	1.81
(2,2)	1:A:42:GLY:N	2:B:3:GLY:H	3	1.81
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA3	3	1.81
(2,2)	1:A:42:GLY:N	2:B:3:GLY:N	3	1.81
(2,2)	1:A:42:GLY:N	2:B:3:GLY:O	3	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:C	3	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:H	3	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:N	3	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:O	3	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:5:GLY:C	3	1.81
(2,2)	1:A:42:GLY:N	2:B:5:GLY:CA	3	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:5:GLY:H	3	1.81
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA3	3	1.81
(2,2)	1:A:42:GLY:N	2:B:5:GLY:N	3	1.81
(2,2)	1:A:42:GLY:N	2:B:5:GLY:O	3	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:C	3	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:H	3	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:N	3	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:O	3	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:C	3	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:H	3	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:N	3	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:O	3	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:C	3	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:H	3	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HA	3	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	3	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	3	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	3	1.81
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	3	1.81
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	3	1.81
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	3	1.81
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	3	1.81
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	3	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	3	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	3	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	3	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	3	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	3	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	3	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	3	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	3	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	3	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CA	3	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CB	3	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD1	3	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE1	3	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CG	3	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CZ	3	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:H	3	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HA	3	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB3	3	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD1	3	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE1	3	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE2	3	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HH	3	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:N	3	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:O	3	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:OH	3	1.81
(2,2)	1:A:42:GLY:O	2:B:3:GLY:C	3	1.81
(2,2)	1:A:42:GLY:O	2:B:3:GLY:CA	3	1.81
(2,2)	1:A:42:GLY:O	2:B:3:GLY:H	3	1.81
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA3	3	1.81
(2,2)	1:A:42:GLY:O	2:B:3:GLY:N	3	1.81
(2,2)	1:A:42:GLY:O	2:B:3:GLY:O	3	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:C	3	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:H	3	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG3	3	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:4:GLU:N	3	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:O	3	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:5:GLY:C	3	1.81
(2,2)	1:A:42:GLY:O	2:B:5:GLY:CA	3	1.81
(2,2)	1:A:42:GLY:O	2:B:5:GLY:H	3	1.81
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA3	3	1.81
(2,2)	1:A:42:GLY:O	2:B:5:GLY:N	3	1.81
(2,2)	1:A:42:GLY:O	2:B:5:GLY:O	3	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:C	3	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:H	3	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:N	3	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:O	3	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:C	3	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:H	3	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:N	3	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:O	3	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:C	3	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:H	3	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:N	3	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:O	3	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:9:GLY:C	3	1.81
(2,2)	1:A:42:GLY:O	2:B:9:GLY:CA	3	1.81
(2,2)	1:A:42:GLY:O	2:B:9:GLY:H	3	1.81
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA3	3	1.81
(2,2)	1:A:42:GLY:O	2:B:9:GLY:N	3	1.81
(2,2)	1:A:42:GLY:O	2:B:9:GLY:O	3	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:C	3	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:H	3	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:N	3	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:O	3	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:C	3	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CA	3	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CB	3	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CD	3	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CG	3	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:H	3	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HA	3	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB3	3	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG3	3	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:N	3	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:O	3	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE1	3	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:C	3	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CA	3	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CB	3	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD1	3	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE1	3	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CG	3	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CZ	3	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:H	3	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HA	3	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB3	3	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD1	3	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE1	3	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE2	3	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HH	3	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:N	3	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:O	3	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:OH	3	1.81
(2,2)	1:A:42:GLY:C	2:B:3:GLY:C	5	1.81
(2,2)	1:A:42:GLY:C	2:B:3:GLY:CA	5	1.81
(2,2)	1:A:42:GLY:C	2:B:3:GLY:H	5	1.81
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA3	5	1.81
(2,2)	1:A:42:GLY:C	2:B:3:GLY:N	5	1.81
(2,2)	1:A:42:GLY:C	2:B:3:GLY:O	5	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:C	5	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CG	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:4:GLU:H	5	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:N	5	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:O	5	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:5:GLY:C	5	1.81
(2,2)	1:A:42:GLY:C	2:B:5:GLY:CA	5	1.81
(2,2)	1:A:42:GLY:C	2:B:5:GLY:H	5	1.81
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA3	5	1.81
(2,2)	1:A:42:GLY:C	2:B:5:GLY:N	5	1.81
(2,2)	1:A:42:GLY:C	2:B:5:GLY:O	5	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:C	5	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:H	5	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:N	5	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:O	5	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:C	5	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:H	5	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG2	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:N	5	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:O	5	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:C	5	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:H	5	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:N	5	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:O	5	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:9:GLY:C	5	1.81
(2,2)	1:A:42:GLY:C	2:B:9:GLY:CA	5	1.81
(2,2)	1:A:42:GLY:C	2:B:9:GLY:H	5	1.81
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA3	5	1.81
(2,2)	1:A:42:GLY:C	2:B:9:GLY:N	5	1.81
(2,2)	1:A:42:GLY:C	2:B:9:GLY:O	5	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:C	5	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:H	5	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:N	5	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:O	5	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE2	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:11:GLU:C	5	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:H	5	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:N	5	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:O	5	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:C	5	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CA	5	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CB	5	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD1	5	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE1	5	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CG	5	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CZ	5	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:H	5	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HA	5	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB3	5	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD1	5	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE1	5	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE2	5	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HH	5	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:N	5	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:O	5	1.81
(2,2)	1:A:42:GLY:C	2:B:12:TYR:OH	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:C	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:CA	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:H	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA3	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:N	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:O	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:C	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:H	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:N	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:O	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:C	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:CA	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:H	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA3	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:N	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:O	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:C	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:H	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:N	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:O	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:C	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CD	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:H	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:N	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:O	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:C	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:H	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:N	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:O	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:C	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:CA	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:H	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA3	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:N	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:O	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:C	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:H	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB3	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:N	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:O	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:C	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:H	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:N	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:O	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:C	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CA	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CB	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD1	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE1	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CG	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CZ	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:H	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HA	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB3	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD1	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE1	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE2	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HH	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:N	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:O	5	1.81
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:OH	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:3:GLY:C	5	1.81
(2,2)	1:A:42:GLY:H	2:B:3:GLY:CA	5	1.81
(2,2)	1:A:42:GLY:H	2:B:3:GLY:H	5	1.81
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	5	1.81
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	5	1.81
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	5	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	5	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	5	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	5	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	5	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	5	1.81
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	5	1.81
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	5	1.81
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	5	1.81
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	5	1.81
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	5	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	5	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	5	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	5	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	5	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:H	5	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:N	5	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:O	5	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:C	5	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:H	5	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:N	5	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:O	5	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:9:GLY:C	5	1.81
(2,2)	1:A:42:GLY:H	2:B:9:GLY:CA	5	1.81
(2,2)	1:A:42:GLY:H	2:B:9:GLY:H	5	1.81
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA3	5	1.81
(2,2)	1:A:42:GLY:H	2:B:9:GLY:N	5	1.81
(2,2)	1:A:42:GLY:H	2:B:9:GLY:O	5	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:C	5	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CB	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:H	5	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:N	5	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:O	5	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:C	5	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:H	5	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:N	5	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:O	5	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:C	5	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CA	5	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CB	5	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD1	5	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE1	5	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CG	5	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CZ	5	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:H	5	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HA	5	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB3	5	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD1	5	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD2	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE1	5	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE2	5	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HH	5	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:N	5	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:O	5	1.81
(2,2)	1:A:42:GLY:H	2:B:12:TYR:OH	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:C	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:CA	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:H	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA3	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:N	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:O	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:C	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:H	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:N	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:O	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:C	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:CA	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:H	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA3	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:N	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:O	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:C	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:H	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HA	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:N	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:O	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:C	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:H	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:N	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:O	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:C	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:H	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:N	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:O	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:C	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:CA	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:H	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA2	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA3	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:N	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:O	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:C	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:H	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:N	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:O	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:C	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:H	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:N	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:O	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:C	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CA	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CB	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD1	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE1	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CG	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CZ	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:H	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HA	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB3	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD1	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE1	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE2	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HH	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:N	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:O	5	1.81
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:OH	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:C	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:CA	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:H	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA3	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:N	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:O	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:C	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:H	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:N	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:O	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:C	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:CA	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:H	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA3	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:N	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:O	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:C	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:H	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:N	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:O	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:C	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:H	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:N	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:O	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:C	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:H	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:N	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:O	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:C	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CG	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CZ	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:H	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HA	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB3	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD1	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE1	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE2	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HH	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:N	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:O	5	1.81
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:OH	5	1.81
(2,2)	1:A:42:GLY:N	2:B:3:GLY:C	5	1.81
(2,2)	1:A:42:GLY:N	2:B:3:GLY:CA	5	1.81
(2,2)	1:A:42:GLY:N	2:B:3:GLY:H	5	1.81
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA3	5	1.81
(2,2)	1:A:42:GLY:N	2:B:3:GLY:N	5	1.81
(2,2)	1:A:42:GLY:N	2:B:3:GLY:O	5	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:C	5	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:H	5	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:N	5	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:O	5	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:5:GLY:C	5	1.81
(2,2)	1:A:42:GLY:N	2:B:5:GLY:CA	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:5:GLY:H	5	1.81
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA3	5	1.81
(2,2)	1:A:42:GLY:N	2:B:5:GLY:N	5	1.81
(2,2)	1:A:42:GLY:N	2:B:5:GLY:O	5	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:C	5	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:H	5	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:N	5	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:O	5	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:C	5	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:H	5	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:N	5	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:O	5	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:C	5	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:H	5	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HA	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	5	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	5	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	5	1.81
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	5	1.81
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	5	1.81
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	5	1.81
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	5	1.81
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	5	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	5	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	5	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	5	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	5	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	5	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	5	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	5	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	5	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CA	5	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CB	5	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD1	5	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE1	5	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CG	5	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CZ	5	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:H	5	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HA	5	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB3	5	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD1	5	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE1	5	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE2	5	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HH	5	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:N	5	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:O	5	1.81
(2,2)	1:A:42:GLY:N	2:B:12:TYR:OH	5	1.81
(2,2)	1:A:42:GLY:O	2:B:3:GLY:C	5	1.81
(2,2)	1:A:42:GLY:O	2:B:3:GLY:CA	5	1.81
(2,2)	1:A:42:GLY:O	2:B:3:GLY:H	5	1.81
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA3	5	1.81
(2,2)	1:A:42:GLY:O	2:B:3:GLY:N	5	1.81
(2,2)	1:A:42:GLY:O	2:B:3:GLY:O	5	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:C	5	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:H	5	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG3	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:4:GLU:N	5	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:O	5	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:5:GLY:C	5	1.81
(2,2)	1:A:42:GLY:O	2:B:5:GLY:CA	5	1.81
(2,2)	1:A:42:GLY:O	2:B:5:GLY:H	5	1.81
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA3	5	1.81
(2,2)	1:A:42:GLY:O	2:B:5:GLY:N	5	1.81
(2,2)	1:A:42:GLY:O	2:B:5:GLY:O	5	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:C	5	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:H	5	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:N	5	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:O	5	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:C	5	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:H	5	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:N	5	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:O	5	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:C	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:H	5	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:N	5	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:O	5	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:9:GLY:C	5	1.81
(2,2)	1:A:42:GLY:O	2:B:9:GLY:CA	5	1.81
(2,2)	1:A:42:GLY:O	2:B:9:GLY:H	5	1.81
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA3	5	1.81
(2,2)	1:A:42:GLY:O	2:B:9:GLY:N	5	1.81
(2,2)	1:A:42:GLY:O	2:B:9:GLY:O	5	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:C	5	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:H	5	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:N	5	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:O	5	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:C	5	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CA	5	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CB	5	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CD	5	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CG	5	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:H	5	1.81

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HA	5	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB3	5	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG3	5	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:N	5	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:O	5	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE1	5	1.81
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:C	5	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CA	5	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CB	5	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD1	5	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE1	5	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CG	5	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CZ	5	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:H	5	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HA	5	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB3	5	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD1	5	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE1	5	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE2	5	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HH	5	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:N	5	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:O	5	1.81
(2,2)	1:A:42:GLY:O	2:B:12:TYR:OH	5	1.81
(2,2)	1:A:42:GLY:C	2:B:3:GLY:C	20	1.79
(2,2)	1:A:42:GLY:C	2:B:3:GLY:CA	20	1.79
(2,2)	1:A:42:GLY:C	2:B:3:GLY:H	20	1.79
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA3	20	1.79
(2,2)	1:A:42:GLY:C	2:B:3:GLY:N	20	1.79
(2,2)	1:A:42:GLY:C	2:B:3:GLY:O	20	1.79
(2,2)	1:A:42:GLY:C	2:B:4:GLU:C	20	1.79
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CG	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:4:GLU:H	20	1.79
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:C	2:B:4:GLU:N	20	1.79
(2,2)	1:A:42:GLY:C	2:B:4:GLU:O	20	1.79
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:5:GLY:C	20	1.79
(2,2)	1:A:42:GLY:C	2:B:5:GLY:CA	20	1.79
(2,2)	1:A:42:GLY:C	2:B:5:GLY:H	20	1.79
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA3	20	1.79
(2,2)	1:A:42:GLY:C	2:B:5:GLY:N	20	1.79
(2,2)	1:A:42:GLY:C	2:B:5:GLY:O	20	1.79
(2,2)	1:A:42:GLY:C	2:B:6:GLU:C	20	1.79
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:C	2:B:6:GLU:H	20	1.79
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:C	2:B:6:GLU:N	20	1.79
(2,2)	1:A:42:GLY:C	2:B:6:GLU:O	20	1.79
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:7:GLU:C	20	1.79
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:C	2:B:7:GLU:H	20	1.79
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG2	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:C	2:B:7:GLU:N	20	1.79
(2,2)	1:A:42:GLY:C	2:B:7:GLU:O	20	1.79
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:8:GLU:C	20	1.79
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:C	2:B:8:GLU:H	20	1.79
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:C	2:B:8:GLU:N	20	1.79
(2,2)	1:A:42:GLY:C	2:B:8:GLU:O	20	1.79
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:9:GLY:C	20	1.79
(2,2)	1:A:42:GLY:C	2:B:9:GLY:CA	20	1.79
(2,2)	1:A:42:GLY:C	2:B:9:GLY:H	20	1.79
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA3	20	1.79
(2,2)	1:A:42:GLY:C	2:B:9:GLY:N	20	1.79
(2,2)	1:A:42:GLY:C	2:B:9:GLY:O	20	1.79
(2,2)	1:A:42:GLY:C	2:B:10:GLU:C	20	1.79
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:C	2:B:10:GLU:H	20	1.79
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:C	2:B:10:GLU:N	20	1.79
(2,2)	1:A:42:GLY:C	2:B:10:GLU:O	20	1.79
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE2	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:11:GLU:C	20	1.79
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:C	2:B:11:GLU:H	20	1.79
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:C	2:B:11:GLU:N	20	1.79
(2,2)	1:A:42:GLY:C	2:B:11:GLU:O	20	1.79
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:12:TYR:C	20	1.79
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CA	20	1.79
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CB	20	1.79
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD1	20	1.79
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE1	20	1.79
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CG	20	1.79
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CZ	20	1.79
(2,2)	1:A:42:GLY:C	2:B:12:TYR:H	20	1.79
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HA	20	1.79
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB3	20	1.79
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD1	20	1.79
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE1	20	1.79
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE2	20	1.79
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HH	20	1.79
(2,2)	1:A:42:GLY:C	2:B:12:TYR:N	20	1.79
(2,2)	1:A:42:GLY:C	2:B:12:TYR:O	20	1.79
(2,2)	1:A:42:GLY:C	2:B:12:TYR:OH	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:C	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:CA	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:H	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA3	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:N	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:O	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:C	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:H	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:N	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:O	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:C	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:CA	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:H	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA3	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:N	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:O	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:C	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:H	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:N	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:O	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:C	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CD	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:H	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:N	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:O	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:C	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:H	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:N	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:O	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:C	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:CA	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:H	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA3	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:N	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:O	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:C	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:H	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB3	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:N	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:O	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:C	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:H	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:N	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:O	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:C	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CA	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CB	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD1	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE1	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CG	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CZ	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:H	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HA	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB3	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD1	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE1	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE2	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HH	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:N	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:O	20	1.79
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:OH	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:3:GLY:C	20	1.79
(2,2)	1:A:42:GLY:H	2:B:3:GLY:CA	20	1.79
(2,2)	1:A:42:GLY:H	2:B:3:GLY:H	20	1.79
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	20	1.79
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	20	1.79
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	20	1.79
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	20	1.79
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	20	1.79
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	20	1.79
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	20	1.79
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	20	1.79
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	20	1.79
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	20	1.79
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	20	1.79
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	20	1.79
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	20	1.79
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	20	1.79
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	20	1.79
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	20	1.79
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	20	1.79
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:H	2:B:7:GLU:H	20	1.79
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:H	2:B:7:GLU:N	20	1.79
(2,2)	1:A:42:GLY:H	2:B:7:GLU:O	20	1.79
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:8:GLU:C	20	1.79
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:H	2:B:8:GLU:H	20	1.79
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:H	2:B:8:GLU:N	20	1.79
(2,2)	1:A:42:GLY:H	2:B:8:GLU:O	20	1.79
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:9:GLY:C	20	1.79
(2,2)	1:A:42:GLY:H	2:B:9:GLY:CA	20	1.79
(2,2)	1:A:42:GLY:H	2:B:9:GLY:H	20	1.79
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA3	20	1.79
(2,2)	1:A:42:GLY:H	2:B:9:GLY:N	20	1.79
(2,2)	1:A:42:GLY:H	2:B:9:GLY:O	20	1.79
(2,2)	1:A:42:GLY:H	2:B:10:GLU:C	20	1.79
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CB	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:H	2:B:10:GLU:H	20	1.79
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:H	2:B:10:GLU:N	20	1.79
(2,2)	1:A:42:GLY:H	2:B:10:GLU:O	20	1.79
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:11:GLU:C	20	1.79
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:H	2:B:11:GLU:H	20	1.79
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:H	2:B:11:GLU:N	20	1.79
(2,2)	1:A:42:GLY:H	2:B:11:GLU:O	20	1.79
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:12:TYR:C	20	1.79
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CA	20	1.79
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CB	20	1.79
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD1	20	1.79
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE1	20	1.79
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CG	20	1.79
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CZ	20	1.79
(2,2)	1:A:42:GLY:H	2:B:12:TYR:H	20	1.79
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HA	20	1.79
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB3	20	1.79
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD1	20	1.79
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD2	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE1	20	1.79
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE2	20	1.79
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HH	20	1.79
(2,2)	1:A:42:GLY:H	2:B:12:TYR:N	20	1.79
(2,2)	1:A:42:GLY:H	2:B:12:TYR:O	20	1.79
(2,2)	1:A:42:GLY:H	2:B:12:TYR:OH	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:C	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:CA	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:H	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA3	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:N	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:O	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:C	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:H	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:N	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:O	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:C	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:CA	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:H	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA3	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:N	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:O	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:C	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:H	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HA	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:N	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:O	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:C	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:H	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:N	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:O	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:C	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:H	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:N	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:O	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:C	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:CA	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:H	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA2	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA3	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:N	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:O	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:C	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:H	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:N	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:O	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:C	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:H	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:N	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:O	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:C	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CA	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CB	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD1	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE1	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CG	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CZ	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:H	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HA	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB3	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD1	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE1	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE2	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HH	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:N	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:O	20	1.79
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:OH	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:C	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:CA	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:H	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA3	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:N	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:O	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:C	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:H	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:N	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:O	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:C	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:CA	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:H	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA3	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:N	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:O	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:C	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:H	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:N	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:O	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:C	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:H	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:N	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:O	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:C	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:H	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:N	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:O	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:C	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CG	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CZ	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:H	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HA	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB3	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD1	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE1	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE2	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HH	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:N	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:O	20	1.79
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:OH	20	1.79
(2,2)	1:A:42:GLY:N	2:B:3:GLY:C	20	1.79
(2,2)	1:A:42:GLY:N	2:B:3:GLY:CA	20	1.79
(2,2)	1:A:42:GLY:N	2:B:3:GLY:H	20	1.79
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA3	20	1.79
(2,2)	1:A:42:GLY:N	2:B:3:GLY:N	20	1.79
(2,2)	1:A:42:GLY:N	2:B:3:GLY:O	20	1.79
(2,2)	1:A:42:GLY:N	2:B:4:GLU:C	20	1.79
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:N	2:B:4:GLU:H	20	1.79
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:N	2:B:4:GLU:N	20	1.79
(2,2)	1:A:42:GLY:N	2:B:4:GLU:O	20	1.79
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:5:GLY:C	20	1.79
(2,2)	1:A:42:GLY:N	2:B:5:GLY:CA	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:5:GLY:H	20	1.79
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA3	20	1.79
(2,2)	1:A:42:GLY:N	2:B:5:GLY:N	20	1.79
(2,2)	1:A:42:GLY:N	2:B:5:GLY:O	20	1.79
(2,2)	1:A:42:GLY:N	2:B:6:GLU:C	20	1.79
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:N	2:B:6:GLU:H	20	1.79
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:N	2:B:6:GLU:N	20	1.79
(2,2)	1:A:42:GLY:N	2:B:6:GLU:O	20	1.79
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:7:GLU:C	20	1.79
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:N	2:B:7:GLU:H	20	1.79
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:N	2:B:7:GLU:N	20	1.79
(2,2)	1:A:42:GLY:N	2:B:7:GLU:O	20	1.79
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:8:GLU:C	20	1.79
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:N	2:B:8:GLU:H	20	1.79
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HA	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	20	1.79
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	20	1.79
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	20	1.79
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	20	1.79
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	20	1.79
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	20	1.79
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	20	1.79
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	20	1.79
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	20	1.79
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	20	1.79
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	20	1.79
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	20	1.79
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	20	1.79
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	20	1.79
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	20	1.79
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	20	1.79
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CA	20	1.79
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CB	20	1.79
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD1	20	1.79
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE1	20	1.79
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CG	20	1.79
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CZ	20	1.79
(2,2)	1:A:42:GLY:N	2:B:12:TYR:H	20	1.79
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HA	20	1.79
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB3	20	1.79
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD1	20	1.79
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE1	20	1.79
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE2	20	1.79
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HH	20	1.79
(2,2)	1:A:42:GLY:N	2:B:12:TYR:N	20	1.79
(2,2)	1:A:42:GLY:N	2:B:12:TYR:O	20	1.79
(2,2)	1:A:42:GLY:N	2:B:12:TYR:OH	20	1.79
(2,2)	1:A:42:GLY:O	2:B:3:GLY:C	20	1.79
(2,2)	1:A:42:GLY:O	2:B:3:GLY:CA	20	1.79
(2,2)	1:A:42:GLY:O	2:B:3:GLY:H	20	1.79
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA3	20	1.79
(2,2)	1:A:42:GLY:O	2:B:3:GLY:N	20	1.79
(2,2)	1:A:42:GLY:O	2:B:3:GLY:O	20	1.79
(2,2)	1:A:42:GLY:O	2:B:4:GLU:C	20	1.79
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:O	2:B:4:GLU:H	20	1.79
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG3	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:4:GLU:N	20	1.79
(2,2)	1:A:42:GLY:O	2:B:4:GLU:O	20	1.79
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:5:GLY:C	20	1.79
(2,2)	1:A:42:GLY:O	2:B:5:GLY:CA	20	1.79
(2,2)	1:A:42:GLY:O	2:B:5:GLY:H	20	1.79
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA3	20	1.79
(2,2)	1:A:42:GLY:O	2:B:5:GLY:N	20	1.79
(2,2)	1:A:42:GLY:O	2:B:5:GLY:O	20	1.79
(2,2)	1:A:42:GLY:O	2:B:6:GLU:C	20	1.79
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:O	2:B:6:GLU:H	20	1.79
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:O	2:B:6:GLU:N	20	1.79
(2,2)	1:A:42:GLY:O	2:B:6:GLU:O	20	1.79
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:7:GLU:C	20	1.79
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:O	2:B:7:GLU:H	20	1.79
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:O	2:B:7:GLU:N	20	1.79
(2,2)	1:A:42:GLY:O	2:B:7:GLU:O	20	1.79
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:8:GLU:C	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:O	2:B:8:GLU:H	20	1.79
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:O	2:B:8:GLU:N	20	1.79
(2,2)	1:A:42:GLY:O	2:B:8:GLU:O	20	1.79
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:9:GLY:C	20	1.79
(2,2)	1:A:42:GLY:O	2:B:9:GLY:CA	20	1.79
(2,2)	1:A:42:GLY:O	2:B:9:GLY:H	20	1.79
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA3	20	1.79
(2,2)	1:A:42:GLY:O	2:B:9:GLY:N	20	1.79
(2,2)	1:A:42:GLY:O	2:B:9:GLY:O	20	1.79
(2,2)	1:A:42:GLY:O	2:B:10:GLU:C	20	1.79
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:O	2:B:10:GLU:H	20	1.79
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:O	2:B:10:GLU:N	20	1.79
(2,2)	1:A:42:GLY:O	2:B:10:GLU:O	20	1.79
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:11:GLU:C	20	1.79
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CA	20	1.79
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CB	20	1.79
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CD	20	1.79
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CG	20	1.79
(2,2)	1:A:42:GLY:O	2:B:11:GLU:H	20	1.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HA	20	1.79
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB3	20	1.79
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG3	20	1.79
(2,2)	1:A:42:GLY:O	2:B:11:GLU:N	20	1.79
(2,2)	1:A:42:GLY:O	2:B:11:GLU:O	20	1.79
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE1	20	1.79
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:12:TYR:C	20	1.79
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CA	20	1.79
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CB	20	1.79
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD1	20	1.79
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE1	20	1.79
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CG	20	1.79
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CZ	20	1.79
(2,2)	1:A:42:GLY:O	2:B:12:TYR:H	20	1.79
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HA	20	1.79
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB3	20	1.79
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD1	20	1.79
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE1	20	1.79
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE2	20	1.79
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HH	20	1.79
(2,2)	1:A:42:GLY:O	2:B:12:TYR:N	20	1.79
(2,2)	1:A:42:GLY:O	2:B:12:TYR:O	20	1.79
(2,2)	1:A:42:GLY:O	2:B:12:TYR:OH	20	1.79
(2,2)	1:A:42:GLY:C	2:B:3:GLY:C	16	1.77
(2,2)	1:A:42:GLY:C	2:B:3:GLY:CA	16	1.77
(2,2)	1:A:42:GLY:C	2:B:3:GLY:H	16	1.77
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA3	16	1.77
(2,2)	1:A:42:GLY:C	2:B:3:GLY:N	16	1.77
(2,2)	1:A:42:GLY:C	2:B:3:GLY:O	16	1.77
(2,2)	1:A:42:GLY:C	2:B:4:GLU:C	16	1.77
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CG	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:4:GLU:H	16	1.77
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:C	2:B:4:GLU:N	16	1.77
(2,2)	1:A:42:GLY:C	2:B:4:GLU:O	16	1.77
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:5:GLY:C	16	1.77
(2,2)	1:A:42:GLY:C	2:B:5:GLY:CA	16	1.77
(2,2)	1:A:42:GLY:C	2:B:5:GLY:H	16	1.77
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA3	16	1.77
(2,2)	1:A:42:GLY:C	2:B:5:GLY:N	16	1.77
(2,2)	1:A:42:GLY:C	2:B:5:GLY:O	16	1.77
(2,2)	1:A:42:GLY:C	2:B:6:GLU:C	16	1.77
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:C	2:B:6:GLU:H	16	1.77
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:C	2:B:6:GLU:N	16	1.77
(2,2)	1:A:42:GLY:C	2:B:6:GLU:O	16	1.77
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:7:GLU:C	16	1.77
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:C	2:B:7:GLU:H	16	1.77
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG2	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:C	2:B:7:GLU:N	16	1.77
(2,2)	1:A:42:GLY:C	2:B:7:GLU:O	16	1.77
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:8:GLU:C	16	1.77
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:C	2:B:8:GLU:H	16	1.77
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:C	2:B:8:GLU:N	16	1.77
(2,2)	1:A:42:GLY:C	2:B:8:GLU:O	16	1.77
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:9:GLY:C	16	1.77
(2,2)	1:A:42:GLY:C	2:B:9:GLY:CA	16	1.77
(2,2)	1:A:42:GLY:C	2:B:9:GLY:H	16	1.77
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA3	16	1.77
(2,2)	1:A:42:GLY:C	2:B:9:GLY:N	16	1.77
(2,2)	1:A:42:GLY:C	2:B:9:GLY:O	16	1.77
(2,2)	1:A:42:GLY:C	2:B:10:GLU:C	16	1.77
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:C	2:B:10:GLU:H	16	1.77
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:C	2:B:10:GLU:N	16	1.77
(2,2)	1:A:42:GLY:C	2:B:10:GLU:O	16	1.77
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE2	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:11:GLU:C	16	1.77
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:C	2:B:11:GLU:H	16	1.77
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:C	2:B:11:GLU:N	16	1.77
(2,2)	1:A:42:GLY:C	2:B:11:GLU:O	16	1.77
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:12:TYR:C	16	1.77
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CA	16	1.77
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CB	16	1.77
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD1	16	1.77
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE1	16	1.77
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CG	16	1.77
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CZ	16	1.77
(2,2)	1:A:42:GLY:C	2:B:12:TYR:H	16	1.77
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HA	16	1.77
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB3	16	1.77
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD1	16	1.77
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE1	16	1.77
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE2	16	1.77
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HH	16	1.77
(2,2)	1:A:42:GLY:C	2:B:12:TYR:N	16	1.77
(2,2)	1:A:42:GLY:C	2:B:12:TYR:O	16	1.77
(2,2)	1:A:42:GLY:C	2:B:12:TYR:OH	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:C	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:CA	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:H	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA3	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:N	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:O	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:C	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:H	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:N	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:O	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:C	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:CA	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:H	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA3	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:N	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:O	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:C	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:H	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:N	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:O	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:C	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CD	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:H	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:N	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:O	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:C	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:H	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:N	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:O	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:C	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:CA	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:H	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA3	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:N	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:O	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:C	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:H	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB3	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:N	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:O	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:C	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:H	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:N	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:O	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:C	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CA	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CB	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD1	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE1	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CG	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CZ	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:H	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HA	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB3	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD1	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE1	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE2	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HH	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:N	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:O	16	1.77
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:OH	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:3:GLY:C	16	1.77
(2,2)	1:A:42:GLY:H	2:B:3:GLY:CA	16	1.77
(2,2)	1:A:42:GLY:H	2:B:3:GLY:H	16	1.77
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	16	1.77
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	16	1.77
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	16	1.77
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	16	1.77
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	16	1.77
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	16	1.77
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	16	1.77
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	16	1.77
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	16	1.77
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	16	1.77
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	16	1.77
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	16	1.77
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	16	1.77
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	16	1.77
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	16	1.77
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	16	1.77
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	16	1.77
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:H	2:B:7:GLU:H	16	1.77
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:H	2:B:7:GLU:N	16	1.77
(2,2)	1:A:42:GLY:H	2:B:7:GLU:O	16	1.77
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:8:GLU:C	16	1.77
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:H	2:B:8:GLU:H	16	1.77
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:H	2:B:8:GLU:N	16	1.77
(2,2)	1:A:42:GLY:H	2:B:8:GLU:O	16	1.77
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:9:GLY:C	16	1.77
(2,2)	1:A:42:GLY:H	2:B:9:GLY:CA	16	1.77
(2,2)	1:A:42:GLY:H	2:B:9:GLY:H	16	1.77
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA3	16	1.77
(2,2)	1:A:42:GLY:H	2:B:9:GLY:N	16	1.77
(2,2)	1:A:42:GLY:H	2:B:9:GLY:O	16	1.77
(2,2)	1:A:42:GLY:H	2:B:10:GLU:C	16	1.77
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CB	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:H	2:B:10:GLU:H	16	1.77
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:H	2:B:10:GLU:N	16	1.77
(2,2)	1:A:42:GLY:H	2:B:10:GLU:O	16	1.77
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:11:GLU:C	16	1.77
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:H	2:B:11:GLU:H	16	1.77
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:H	2:B:11:GLU:N	16	1.77
(2,2)	1:A:42:GLY:H	2:B:11:GLU:O	16	1.77
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:12:TYR:C	16	1.77
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CA	16	1.77
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CB	16	1.77
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD1	16	1.77
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE1	16	1.77
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CG	16	1.77
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CZ	16	1.77
(2,2)	1:A:42:GLY:H	2:B:12:TYR:H	16	1.77
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HA	16	1.77
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB3	16	1.77
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD1	16	1.77
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD2	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE1	16	1.77
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE2	16	1.77
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HH	16	1.77
(2,2)	1:A:42:GLY:H	2:B:12:TYR:N	16	1.77
(2,2)	1:A:42:GLY:H	2:B:12:TYR:O	16	1.77
(2,2)	1:A:42:GLY:H	2:B:12:TYR:OH	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:C	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:CA	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:H	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA3	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:N	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:O	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:C	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:H	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:N	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:O	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:C	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:CA	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:H	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA3	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:N	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:O	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:C	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:H	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HA	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:N	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:O	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:C	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:H	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:N	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:O	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:C	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:H	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:N	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:O	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:C	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:CA	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:H	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA2	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA3	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:N	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:O	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:C	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:H	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:N	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:O	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:C	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:H	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:N	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:O	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:C	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CA	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CB	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD1	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE1	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CG	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CZ	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:H	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HA	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB3	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD1	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE1	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE2	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HH	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:N	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:O	16	1.77
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:OH	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:C	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:CA	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:H	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA3	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:N	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:O	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:C	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:H	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:N	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:O	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:C	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:CA	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:H	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA3	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:N	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:O	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:C	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:H	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:N	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:O	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:C	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:H	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:N	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:O	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:C	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:H	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:N	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:O	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:C	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CG	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CZ	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:H	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HA	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB3	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD1	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE1	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE2	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HH	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:N	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:O	16	1.77
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:OH	16	1.77
(2,2)	1:A:42:GLY:N	2:B:3:GLY:C	16	1.77
(2,2)	1:A:42:GLY:N	2:B:3:GLY:CA	16	1.77
(2,2)	1:A:42:GLY:N	2:B:3:GLY:H	16	1.77
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA3	16	1.77
(2,2)	1:A:42:GLY:N	2:B:3:GLY:N	16	1.77
(2,2)	1:A:42:GLY:N	2:B:3:GLY:O	16	1.77
(2,2)	1:A:42:GLY:N	2:B:4:GLU:C	16	1.77
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:N	2:B:4:GLU:H	16	1.77
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:N	2:B:4:GLU:N	16	1.77
(2,2)	1:A:42:GLY:N	2:B:4:GLU:O	16	1.77
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:5:GLY:C	16	1.77
(2,2)	1:A:42:GLY:N	2:B:5:GLY:CA	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:5:GLY:H	16	1.77
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA3	16	1.77
(2,2)	1:A:42:GLY:N	2:B:5:GLY:N	16	1.77
(2,2)	1:A:42:GLY:N	2:B:5:GLY:O	16	1.77
(2,2)	1:A:42:GLY:N	2:B:6:GLU:C	16	1.77
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:N	2:B:6:GLU:H	16	1.77
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:N	2:B:6:GLU:N	16	1.77
(2,2)	1:A:42:GLY:N	2:B:6:GLU:O	16	1.77
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:7:GLU:C	16	1.77
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:N	2:B:7:GLU:H	16	1.77
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:N	2:B:7:GLU:N	16	1.77
(2,2)	1:A:42:GLY:N	2:B:7:GLU:O	16	1.77
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:8:GLU:C	16	1.77
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:N	2:B:8:GLU:H	16	1.77
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HA	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	16	1.77
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	16	1.77
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	16	1.77
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	16	1.77
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	16	1.77
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	16	1.77
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	16	1.77
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	16	1.77
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	16	1.77
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	16	1.77
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	16	1.77
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	16	1.77
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	16	1.77
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	16	1.77
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	16	1.77
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	16	1.77
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CA	16	1.77
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CB	16	1.77
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD1	16	1.77
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE1	16	1.77
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CG	16	1.77
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CZ	16	1.77
(2,2)	1:A:42:GLY:N	2:B:12:TYR:H	16	1.77
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HA	16	1.77
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB3	16	1.77
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD1	16	1.77
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE1	16	1.77
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE2	16	1.77
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HH	16	1.77
(2,2)	1:A:42:GLY:N	2:B:12:TYR:N	16	1.77
(2,2)	1:A:42:GLY:N	2:B:12:TYR:O	16	1.77
(2,2)	1:A:42:GLY:N	2:B:12:TYR:OH	16	1.77
(2,2)	1:A:42:GLY:O	2:B:3:GLY:C	16	1.77
(2,2)	1:A:42:GLY:O	2:B:3:GLY:CA	16	1.77
(2,2)	1:A:42:GLY:O	2:B:3:GLY:H	16	1.77
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA3	16	1.77
(2,2)	1:A:42:GLY:O	2:B:3:GLY:N	16	1.77
(2,2)	1:A:42:GLY:O	2:B:3:GLY:O	16	1.77
(2,2)	1:A:42:GLY:O	2:B:4:GLU:C	16	1.77
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:O	2:B:4:GLU:H	16	1.77
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG3	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:4:GLU:N	16	1.77
(2,2)	1:A:42:GLY:O	2:B:4:GLU:O	16	1.77
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:5:GLY:C	16	1.77
(2,2)	1:A:42:GLY:O	2:B:5:GLY:CA	16	1.77
(2,2)	1:A:42:GLY:O	2:B:5:GLY:H	16	1.77
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA3	16	1.77
(2,2)	1:A:42:GLY:O	2:B:5:GLY:N	16	1.77
(2,2)	1:A:42:GLY:O	2:B:5:GLY:O	16	1.77
(2,2)	1:A:42:GLY:O	2:B:6:GLU:C	16	1.77
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:O	2:B:6:GLU:H	16	1.77
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:O	2:B:6:GLU:N	16	1.77
(2,2)	1:A:42:GLY:O	2:B:6:GLU:O	16	1.77
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:7:GLU:C	16	1.77
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:O	2:B:7:GLU:H	16	1.77
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:O	2:B:7:GLU:N	16	1.77
(2,2)	1:A:42:GLY:O	2:B:7:GLU:O	16	1.77
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:8:GLU:C	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:O	2:B:8:GLU:H	16	1.77
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:O	2:B:8:GLU:N	16	1.77
(2,2)	1:A:42:GLY:O	2:B:8:GLU:O	16	1.77
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:9:GLY:C	16	1.77
(2,2)	1:A:42:GLY:O	2:B:9:GLY:CA	16	1.77
(2,2)	1:A:42:GLY:O	2:B:9:GLY:H	16	1.77
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA3	16	1.77
(2,2)	1:A:42:GLY:O	2:B:9:GLY:N	16	1.77
(2,2)	1:A:42:GLY:O	2:B:9:GLY:O	16	1.77
(2,2)	1:A:42:GLY:O	2:B:10:GLU:C	16	1.77
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:O	2:B:10:GLU:H	16	1.77
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:O	2:B:10:GLU:N	16	1.77
(2,2)	1:A:42:GLY:O	2:B:10:GLU:O	16	1.77
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:11:GLU:C	16	1.77
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CA	16	1.77
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CB	16	1.77
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CD	16	1.77
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CG	16	1.77
(2,2)	1:A:42:GLY:O	2:B:11:GLU:H	16	1.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HA	16	1.77
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB3	16	1.77
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG3	16	1.77
(2,2)	1:A:42:GLY:O	2:B:11:GLU:N	16	1.77
(2,2)	1:A:42:GLY:O	2:B:11:GLU:O	16	1.77
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE1	16	1.77
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:12:TYR:C	16	1.77
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CA	16	1.77
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CB	16	1.77
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD1	16	1.77
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE1	16	1.77
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CG	16	1.77
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CZ	16	1.77
(2,2)	1:A:42:GLY:O	2:B:12:TYR:H	16	1.77
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HA	16	1.77
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB3	16	1.77
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD1	16	1.77
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE1	16	1.77
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE2	16	1.77
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HH	16	1.77
(2,2)	1:A:42:GLY:O	2:B:12:TYR:N	16	1.77
(2,2)	1:A:42:GLY:O	2:B:12:TYR:O	16	1.77
(2,2)	1:A:42:GLY:O	2:B:12:TYR:OH	16	1.77
(1,8)	1:A:43:LYS:HG3	2:B:4:GLU:HA	11	1.77
(2,2)	1:A:42:GLY:C	2:B:3:GLY:C	12	1.76
(2,2)	1:A:42:GLY:C	2:B:3:GLY:CA	12	1.76
(2,2)	1:A:42:GLY:C	2:B:3:GLY:H	12	1.76
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA3	12	1.76
(2,2)	1:A:42:GLY:C	2:B:3:GLY:N	12	1.76
(2,2)	1:A:42:GLY:C	2:B:3:GLY:O	12	1.76
(2,2)	1:A:42:GLY:C	2:B:4:GLU:C	12	1.76
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CD	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:C	2:B:4:GLU:H	12	1.76
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:C	2:B:4:GLU:N	12	1.76
(2,2)	1:A:42:GLY:C	2:B:4:GLU:O	12	1.76
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:5:GLY:C	12	1.76
(2,2)	1:A:42:GLY:C	2:B:5:GLY:CA	12	1.76
(2,2)	1:A:42:GLY:C	2:B:5:GLY:H	12	1.76
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA3	12	1.76
(2,2)	1:A:42:GLY:C	2:B:5:GLY:N	12	1.76
(2,2)	1:A:42:GLY:C	2:B:5:GLY:O	12	1.76
(2,2)	1:A:42:GLY:C	2:B:6:GLU:C	12	1.76
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:C	2:B:6:GLU:H	12	1.76
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:C	2:B:6:GLU:N	12	1.76
(2,2)	1:A:42:GLY:C	2:B:6:GLU:O	12	1.76
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:7:GLU:C	12	1.76
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:C	2:B:7:GLU:H	12	1.76
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB3	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:C	2:B:7:GLU:N	12	1.76
(2,2)	1:A:42:GLY:C	2:B:7:GLU:O	12	1.76
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:8:GLU:C	12	1.76
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:C	2:B:8:GLU:H	12	1.76
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:C	2:B:8:GLU:N	12	1.76
(2,2)	1:A:42:GLY:C	2:B:8:GLU:O	12	1.76
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:9:GLY:C	12	1.76
(2,2)	1:A:42:GLY:C	2:B:9:GLY:CA	12	1.76
(2,2)	1:A:42:GLY:C	2:B:9:GLY:H	12	1.76
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA3	12	1.76
(2,2)	1:A:42:GLY:C	2:B:9:GLY:N	12	1.76
(2,2)	1:A:42:GLY:C	2:B:9:GLY:O	12	1.76
(2,2)	1:A:42:GLY:C	2:B:10:GLU:C	12	1.76
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:C	2:B:10:GLU:H	12	1.76
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:C	2:B:10:GLU:N	12	1.76
(2,2)	1:A:42:GLY:C	2:B:10:GLU:O	12	1.76
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE1	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:11:GLU:C	12	1.76
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:C	2:B:11:GLU:H	12	1.76
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:C	2:B:11:GLU:N	12	1.76
(2,2)	1:A:42:GLY:C	2:B:11:GLU:O	12	1.76
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:12:TYR:C	12	1.76
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CA	12	1.76
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CB	12	1.76
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD1	12	1.76
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE1	12	1.76
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CG	12	1.76
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CZ	12	1.76
(2,2)	1:A:42:GLY:C	2:B:12:TYR:H	12	1.76
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HA	12	1.76
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB3	12	1.76
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD1	12	1.76
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE1	12	1.76
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE2	12	1.76
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HH	12	1.76
(2,2)	1:A:42:GLY:C	2:B:12:TYR:N	12	1.76
(2,2)	1:A:42:GLY:C	2:B:12:TYR:O	12	1.76
(2,2)	1:A:42:GLY:C	2:B:12:TYR:OH	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:C	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:CA	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:H	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA3	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:N	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:O	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:C	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:H	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:N	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:O	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:C	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:CA	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:H	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA3	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:N	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:O	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:C	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:H	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:N	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:O	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:C	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CB	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:H	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:N	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:O	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:C	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:H	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:N	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:O	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:C	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:CA	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:H	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA3	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:N	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:O	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:C	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:H	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB2	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:N	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:O	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:C	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:H	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:N	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:O	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:C	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CA	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CB	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD1	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE1	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CG	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CZ	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:H	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HA	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB3	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD1	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE1	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE2	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HH	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:N	12	1.76
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:O	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:OH	12	1.76
(2,2)	1:A:42:GLY:H	2:B:3:GLY:C	12	1.76
(2,2)	1:A:42:GLY:H	2:B:3:GLY:CA	12	1.76
(2,2)	1:A:42:GLY:H	2:B:3:GLY:H	12	1.76
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	12	1.76
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	12	1.76
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	12	1.76
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	12	1.76
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	12	1.76
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	12	1.76
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	12	1.76
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	12	1.76
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	12	1.76
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	12	1.76
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	12	1.76
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	12	1.76
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	12	1.76
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	12	1.76
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	12	1.76
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	12	1.76
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	12	1.76
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:H	2:B:7:GLU:H	12	1.76
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:H	2:B:7:GLU:N	12	1.76
(2,2)	1:A:42:GLY:H	2:B:7:GLU:O	12	1.76
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:8:GLU:C	12	1.76
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:H	2:B:8:GLU:H	12	1.76
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:H	2:B:8:GLU:N	12	1.76
(2,2)	1:A:42:GLY:H	2:B:8:GLU:O	12	1.76
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:9:GLY:C	12	1.76
(2,2)	1:A:42:GLY:H	2:B:9:GLY:CA	12	1.76
(2,2)	1:A:42:GLY:H	2:B:9:GLY:H	12	1.76
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA3	12	1.76
(2,2)	1:A:42:GLY:H	2:B:9:GLY:N	12	1.76
(2,2)	1:A:42:GLY:H	2:B:9:GLY:O	12	1.76
(2,2)	1:A:42:GLY:H	2:B:10:GLU:C	12	1.76
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CA	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:H	2:B:10:GLU:H	12	1.76
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:H	2:B:10:GLU:N	12	1.76
(2,2)	1:A:42:GLY:H	2:B:10:GLU:O	12	1.76
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:11:GLU:C	12	1.76
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:H	2:B:11:GLU:H	12	1.76
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:H	2:B:11:GLU:N	12	1.76
(2,2)	1:A:42:GLY:H	2:B:11:GLU:O	12	1.76
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:12:TYR:C	12	1.76
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CA	12	1.76
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CB	12	1.76
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD1	12	1.76
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE1	12	1.76
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CG	12	1.76
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CZ	12	1.76
(2,2)	1:A:42:GLY:H	2:B:12:TYR:H	12	1.76
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HA	12	1.76
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB3	12	1.76
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD1	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE1	12	1.76
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE2	12	1.76
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HH	12	1.76
(2,2)	1:A:42:GLY:H	2:B:12:TYR:N	12	1.76
(2,2)	1:A:42:GLY:H	2:B:12:TYR:O	12	1.76
(2,2)	1:A:42:GLY:H	2:B:12:TYR:OH	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:C	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:CA	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:H	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA3	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:N	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:O	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:C	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:H	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:N	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:O	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:C	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:CA	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:H	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA3	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:N	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:O	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:C	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:H	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:N	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:O	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:C	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:H	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:N	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:O	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:C	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:H	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:N	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:O	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:C	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:CA	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:H	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA3	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:N	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:O	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:C	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:H	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:N	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:O	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:C	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:H	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:N	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:O	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:C	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CA	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CB	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD1	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE1	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CG	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CZ	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:H	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HA	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB3	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD1	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE1	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE2	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HH	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:N	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:O	12	1.76
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:OH	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:C	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:CA	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:H	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA3	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:N	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:O	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:C	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:H	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:N	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:O	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:C	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:CA	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:H	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA3	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:N	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:O	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:C	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:H	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:N	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:O	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:C	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:H	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:N	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:O	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:C	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:H	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:N	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:O	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:C	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CG	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CZ	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:H	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HA	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB3	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD1	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE1	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE2	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HH	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:N	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:O	12	1.76
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:OH	12	1.76
(2,2)	1:A:42:GLY:N	2:B:3:GLY:C	12	1.76
(2,2)	1:A:42:GLY:N	2:B:3:GLY:CA	12	1.76
(2,2)	1:A:42:GLY:N	2:B:3:GLY:H	12	1.76
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA3	12	1.76
(2,2)	1:A:42:GLY:N	2:B:3:GLY:N	12	1.76
(2,2)	1:A:42:GLY:N	2:B:3:GLY:O	12	1.76
(2,2)	1:A:42:GLY:N	2:B:4:GLU:C	12	1.76
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:N	2:B:4:GLU:H	12	1.76
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:N	2:B:4:GLU:N	12	1.76
(2,2)	1:A:42:GLY:N	2:B:4:GLU:O	12	1.76
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:5:GLY:C	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:5:GLY:CA	12	1.76
(2,2)	1:A:42:GLY:N	2:B:5:GLY:H	12	1.76
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA3	12	1.76
(2,2)	1:A:42:GLY:N	2:B:5:GLY:N	12	1.76
(2,2)	1:A:42:GLY:N	2:B:5:GLY:O	12	1.76
(2,2)	1:A:42:GLY:N	2:B:6:GLU:C	12	1.76
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:N	2:B:6:GLU:H	12	1.76
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:N	2:B:6:GLU:N	12	1.76
(2,2)	1:A:42:GLY:N	2:B:6:GLU:O	12	1.76
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:7:GLU:C	12	1.76
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:N	2:B:7:GLU:H	12	1.76
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:N	2:B:7:GLU:N	12	1.76
(2,2)	1:A:42:GLY:N	2:B:7:GLU:O	12	1.76
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:8:GLU:C	12	1.76
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:N	2:B:8:GLU:H	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	12	1.76
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	12	1.76
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	12	1.76
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	12	1.76
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	12	1.76
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	12	1.76
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	12	1.76
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	12	1.76
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	12	1.76
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	12	1.76
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	12	1.76
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	12	1.76
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	12	1.76
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	12	1.76
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	12	1.76
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	12	1.76
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	12	1.76
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CA	12	1.76
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CB	12	1.76
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD1	12	1.76
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE1	12	1.76
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CG	12	1.76
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CZ	12	1.76
(2,2)	1:A:42:GLY:N	2:B:12:TYR:H	12	1.76
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HA	12	1.76
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB3	12	1.76
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD1	12	1.76
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE1	12	1.76
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE2	12	1.76
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HH	12	1.76
(2,2)	1:A:42:GLY:N	2:B:12:TYR:N	12	1.76
(2,2)	1:A:42:GLY:N	2:B:12:TYR:O	12	1.76
(2,2)	1:A:42:GLY:N	2:B:12:TYR:OH	12	1.76
(2,2)	1:A:42:GLY:O	2:B:3:GLY:C	12	1.76
(2,2)	1:A:42:GLY:O	2:B:3:GLY:CA	12	1.76
(2,2)	1:A:42:GLY:O	2:B:3:GLY:H	12	1.76
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA3	12	1.76
(2,2)	1:A:42:GLY:O	2:B:3:GLY:N	12	1.76
(2,2)	1:A:42:GLY:O	2:B:3:GLY:O	12	1.76
(2,2)	1:A:42:GLY:O	2:B:4:GLU:C	12	1.76
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:O	2:B:4:GLU:H	12	1.76
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG2	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:O	2:B:4:GLU:N	12	1.76
(2,2)	1:A:42:GLY:O	2:B:4:GLU:O	12	1.76
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:5:GLY:C	12	1.76
(2,2)	1:A:42:GLY:O	2:B:5:GLY:CA	12	1.76
(2,2)	1:A:42:GLY:O	2:B:5:GLY:H	12	1.76
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA3	12	1.76
(2,2)	1:A:42:GLY:O	2:B:5:GLY:N	12	1.76
(2,2)	1:A:42:GLY:O	2:B:5:GLY:O	12	1.76
(2,2)	1:A:42:GLY:O	2:B:6:GLU:C	12	1.76
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:O	2:B:6:GLU:H	12	1.76
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:O	2:B:6:GLU:N	12	1.76
(2,2)	1:A:42:GLY:O	2:B:6:GLU:O	12	1.76
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:7:GLU:C	12	1.76
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:O	2:B:7:GLU:H	12	1.76
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:O	2:B:7:GLU:N	12	1.76
(2,2)	1:A:42:GLY:O	2:B:7:GLU:O	12	1.76
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE2	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:8:GLU:C	12	1.76
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:O	2:B:8:GLU:H	12	1.76
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:O	2:B:8:GLU:N	12	1.76
(2,2)	1:A:42:GLY:O	2:B:8:GLU:O	12	1.76
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:9:GLY:C	12	1.76
(2,2)	1:A:42:GLY:O	2:B:9:GLY:CA	12	1.76
(2,2)	1:A:42:GLY:O	2:B:9:GLY:H	12	1.76
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA3	12	1.76
(2,2)	1:A:42:GLY:O	2:B:9:GLY:N	12	1.76
(2,2)	1:A:42:GLY:O	2:B:9:GLY:O	12	1.76
(2,2)	1:A:42:GLY:O	2:B:10:GLU:C	12	1.76
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CG	12	1.76
(2,2)	1:A:42:GLY:O	2:B:10:GLU:H	12	1.76
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:O	2:B:10:GLU:N	12	1.76
(2,2)	1:A:42:GLY:O	2:B:10:GLU:O	12	1.76
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:11:GLU:C	12	1.76
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CA	12	1.76
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CB	12	1.76
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CD	12	1.76
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CG	12	1.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:11:GLU:H	12	1.76
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HA	12	1.76
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB3	12	1.76
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG3	12	1.76
(2,2)	1:A:42:GLY:O	2:B:11:GLU:N	12	1.76
(2,2)	1:A:42:GLY:O	2:B:11:GLU:O	12	1.76
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE1	12	1.76
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:12:TYR:C	12	1.76
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CA	12	1.76
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CB	12	1.76
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD1	12	1.76
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE1	12	1.76
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CG	12	1.76
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CZ	12	1.76
(2,2)	1:A:42:GLY:O	2:B:12:TYR:H	12	1.76
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HA	12	1.76
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB3	12	1.76
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD1	12	1.76
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE1	12	1.76
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE2	12	1.76
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HH	12	1.76
(2,2)	1:A:42:GLY:O	2:B:12:TYR:N	12	1.76
(2,2)	1:A:42:GLY:O	2:B:12:TYR:O	12	1.76
(2,2)	1:A:42:GLY:O	2:B:12:TYR:OH	12	1.76
(2,2)	1:A:42:GLY:C	2:B:3:GLY:C	15	1.75
(2,2)	1:A:42:GLY:C	2:B:3:GLY:CA	15	1.75
(2,2)	1:A:42:GLY:C	2:B:3:GLY:H	15	1.75
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:3:GLY:HA3	15	1.75
(2,2)	1:A:42:GLY:C	2:B:3:GLY:N	15	1.75
(2,2)	1:A:42:GLY:C	2:B:3:GLY:O	15	1.75
(2,2)	1:A:42:GLY:C	2:B:4:GLU:C	15	1.75
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CD	15	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:4:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:C	2:B:4:GLU:H	15	1.75
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:4:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:C	2:B:4:GLU:N	15	1.75
(2,2)	1:A:42:GLY:C	2:B:4:GLU:O	15	1.75
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:C	2:B:4:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:5:GLY:C	15	1.75
(2,2)	1:A:42:GLY:C	2:B:5:GLY:CA	15	1.75
(2,2)	1:A:42:GLY:C	2:B:5:GLY:H	15	1.75
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:5:GLY:HA3	15	1.75
(2,2)	1:A:42:GLY:C	2:B:5:GLY:N	15	1.75
(2,2)	1:A:42:GLY:C	2:B:5:GLY:O	15	1.75
(2,2)	1:A:42:GLY:C	2:B:6:GLU:C	15	1.75
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:C	2:B:6:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:C	2:B:6:GLU:H	15	1.75
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:6:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:C	2:B:6:GLU:N	15	1.75
(2,2)	1:A:42:GLY:C	2:B:6:GLU:O	15	1.75
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:C	2:B:6:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:7:GLU:C	15	1.75
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:C	2:B:7:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:C	2:B:7:GLU:H	15	1.75
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HB3	15	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:7:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:C	2:B:7:GLU:N	15	1.75
(2,2)	1:A:42:GLY:C	2:B:7:GLU:O	15	1.75
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:C	2:B:7:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:8:GLU:C	15	1.75
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:C	2:B:8:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:C	2:B:8:GLU:H	15	1.75
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:8:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:C	2:B:8:GLU:N	15	1.75
(2,2)	1:A:42:GLY:C	2:B:8:GLU:O	15	1.75
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:C	2:B:8:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:9:GLY:C	15	1.75
(2,2)	1:A:42:GLY:C	2:B:9:GLY:CA	15	1.75
(2,2)	1:A:42:GLY:C	2:B:9:GLY:H	15	1.75
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:9:GLY:HA3	15	1.75
(2,2)	1:A:42:GLY:C	2:B:9:GLY:N	15	1.75
(2,2)	1:A:42:GLY:C	2:B:9:GLY:O	15	1.75
(2,2)	1:A:42:GLY:C	2:B:10:GLU:C	15	1.75
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:C	2:B:10:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:C	2:B:10:GLU:H	15	1.75
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:10:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:C	2:B:10:GLU:N	15	1.75
(2,2)	1:A:42:GLY:C	2:B:10:GLU:O	15	1.75
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE1	15	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:C	2:B:10:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:11:GLU:C	15	1.75
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:C	2:B:11:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:C	2:B:11:GLU:H	15	1.75
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:11:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:C	2:B:11:GLU:N	15	1.75
(2,2)	1:A:42:GLY:C	2:B:11:GLU:O	15	1.75
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:C	2:B:11:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:12:TYR:C	15	1.75
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CA	15	1.75
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CB	15	1.75
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD1	15	1.75
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CD2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE1	15	1.75
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CE2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CG	15	1.75
(2,2)	1:A:42:GLY:C	2:B:12:TYR:CZ	15	1.75
(2,2)	1:A:42:GLY:C	2:B:12:TYR:H	15	1.75
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HA	15	1.75
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HB3	15	1.75
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD1	15	1.75
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HD2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE1	15	1.75
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HE2	15	1.75
(2,2)	1:A:42:GLY:C	2:B:12:TYR:HH	15	1.75
(2,2)	1:A:42:GLY:C	2:B:12:TYR:N	15	1.75
(2,2)	1:A:42:GLY:C	2:B:12:TYR:O	15	1.75
(2,2)	1:A:42:GLY:C	2:B:12:TYR:OH	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:C	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:CA	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:H	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:HA3	15	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:N	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:3:GLY:O	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:C	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:H	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:N	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:O	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:4:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:C	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:CA	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:H	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:HA3	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:N	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:5:GLY:O	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:C	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:H	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:N	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:O	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:6:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:C	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CB	15	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:H	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:N	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:O	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:7:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:C	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:H	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:N	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:O	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:8:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:C	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:CA	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:H	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:HA3	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:N	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:9:GLY:O	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:C	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:H	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB2	15	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:N	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:O	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:10:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:C	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:H	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:N	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:O	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:11:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:C	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CA	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CB	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD1	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CD2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE1	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CE2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CG	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:CZ	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:H	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HA	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HB3	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD1	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HD2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE1	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HE2	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:HH	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:N	15	1.75
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:O	15	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:CA	2:B:12:TYR:OH	15	1.75
(2,2)	1:A:42:GLY:H	2:B:3:GLY:C	15	1.75
(2,2)	1:A:42:GLY:H	2:B:3:GLY:CA	15	1.75
(2,2)	1:A:42:GLY:H	2:B:3:GLY:H	15	1.75
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:3:GLY:HA3	15	1.75
(2,2)	1:A:42:GLY:H	2:B:3:GLY:N	15	1.75
(2,2)	1:A:42:GLY:H	2:B:3:GLY:O	15	1.75
(2,2)	1:A:42:GLY:H	2:B:4:GLU:C	15	1.75
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:H	2:B:4:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:H	2:B:4:GLU:H	15	1.75
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:4:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:H	2:B:4:GLU:N	15	1.75
(2,2)	1:A:42:GLY:H	2:B:4:GLU:O	15	1.75
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:H	2:B:4:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:5:GLY:C	15	1.75
(2,2)	1:A:42:GLY:H	2:B:5:GLY:CA	15	1.75
(2,2)	1:A:42:GLY:H	2:B:5:GLY:H	15	1.75
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:5:GLY:HA3	15	1.75
(2,2)	1:A:42:GLY:H	2:B:5:GLY:N	15	1.75
(2,2)	1:A:42:GLY:H	2:B:5:GLY:O	15	1.75
(2,2)	1:A:42:GLY:H	2:B:6:GLU:C	15	1.75
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:H	2:B:6:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:H	2:B:6:GLU:H	15	1.75
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:6:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:H	2:B:6:GLU:N	15	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:6:GLU:O	15	1.75
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:H	2:B:6:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:7:GLU:C	15	1.75
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:H	2:B:7:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:H	2:B:7:GLU:H	15	1.75
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:7:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:H	2:B:7:GLU:N	15	1.75
(2,2)	1:A:42:GLY:H	2:B:7:GLU:O	15	1.75
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:H	2:B:7:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:8:GLU:C	15	1.75
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:H	2:B:8:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:H	2:B:8:GLU:H	15	1.75
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:8:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:H	2:B:8:GLU:N	15	1.75
(2,2)	1:A:42:GLY:H	2:B:8:GLU:O	15	1.75
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:H	2:B:8:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:9:GLY:C	15	1.75
(2,2)	1:A:42:GLY:H	2:B:9:GLY:CA	15	1.75
(2,2)	1:A:42:GLY:H	2:B:9:GLY:H	15	1.75
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:9:GLY:HA3	15	1.75
(2,2)	1:A:42:GLY:H	2:B:9:GLY:N	15	1.75
(2,2)	1:A:42:GLY:H	2:B:9:GLY:O	15	1.75
(2,2)	1:A:42:GLY:H	2:B:10:GLU:C	15	1.75
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CA	15	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:H	2:B:10:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:H	2:B:10:GLU:H	15	1.75
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:10:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:H	2:B:10:GLU:N	15	1.75
(2,2)	1:A:42:GLY:H	2:B:10:GLU:O	15	1.75
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:H	2:B:10:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:11:GLU:C	15	1.75
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:H	2:B:11:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:H	2:B:11:GLU:H	15	1.75
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:11:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:H	2:B:11:GLU:N	15	1.75
(2,2)	1:A:42:GLY:H	2:B:11:GLU:O	15	1.75
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:H	2:B:11:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:12:TYR:C	15	1.75
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CA	15	1.75
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CB	15	1.75
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD1	15	1.75
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CD2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE1	15	1.75
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CE2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CG	15	1.75
(2,2)	1:A:42:GLY:H	2:B:12:TYR:CZ	15	1.75
(2,2)	1:A:42:GLY:H	2:B:12:TYR:H	15	1.75
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HA	15	1.75
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HB3	15	1.75
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD1	15	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HD2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE1	15	1.75
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HE2	15	1.75
(2,2)	1:A:42:GLY:H	2:B:12:TYR:HH	15	1.75
(2,2)	1:A:42:GLY:H	2:B:12:TYR:N	15	1.75
(2,2)	1:A:42:GLY:H	2:B:12:TYR:O	15	1.75
(2,2)	1:A:42:GLY:H	2:B:12:TYR:OH	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:C	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:CA	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:H	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:HA3	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:N	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:3:GLY:O	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:C	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:H	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:N	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:O	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:4:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:C	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:CA	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:H	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:HA3	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:N	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:5:GLY:O	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:C	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:H	15	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:N	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:O	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:6:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:C	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:H	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:N	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:O	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:7:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:C	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:H	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:N	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:O	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:8:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:C	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:CA	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:H	15	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:HA3	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:N	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:9:GLY:O	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:C	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:H	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:N	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:O	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:10:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:C	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:H	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:N	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:O	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:11:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:C	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CA	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CB	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD1	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CD2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE1	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CE2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CG	15	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:CZ	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:H	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HA	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HB3	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD1	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HD2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE1	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HE2	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:HH	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:N	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:O	15	1.75
(2,2)	1:A:42:GLY:HA2	2:B:12:TYR:OH	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:C	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:CA	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:H	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:HA3	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:N	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:3:GLY:O	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:C	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:H	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:N	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:O	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:4:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:C	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:CA	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:H	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:HA3	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:N	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:5:GLY:O	15	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:C	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:H	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:N	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:O	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:6:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:C	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:H	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:N	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:O	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:7:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:C	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:H	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:N	15	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:O	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:8:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:C	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:CA	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:H	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:HA3	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:N	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:9:GLY:O	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:C	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:H	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:N	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:O	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:10:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:C	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:H	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:N	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:O	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:11:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:C	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CA	15	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CB	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD1	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CD2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE1	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CE2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CG	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:CZ	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:H	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HA	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HB3	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD1	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HD2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE1	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HE2	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:HH	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:N	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:O	15	1.75
(2,2)	1:A:42:GLY:HA3	2:B:12:TYR:OH	15	1.75
(2,2)	1:A:42:GLY:N	2:B:3:GLY:C	15	1.75
(2,2)	1:A:42:GLY:N	2:B:3:GLY:CA	15	1.75
(2,2)	1:A:42:GLY:N	2:B:3:GLY:H	15	1.75
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:3:GLY:HA3	15	1.75
(2,2)	1:A:42:GLY:N	2:B:3:GLY:N	15	1.75
(2,2)	1:A:42:GLY:N	2:B:3:GLY:O	15	1.75
(2,2)	1:A:42:GLY:N	2:B:4:GLU:C	15	1.75
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:N	2:B:4:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:N	2:B:4:GLU:H	15	1.75
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:4:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:N	2:B:4:GLU:N	15	1.75
(2,2)	1:A:42:GLY:N	2:B:4:GLU:O	15	1.75
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:N	2:B:4:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:5:GLY:C	15	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:5:GLY:CA	15	1.75
(2,2)	1:A:42:GLY:N	2:B:5:GLY:H	15	1.75
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:5:GLY:HA3	15	1.75
(2,2)	1:A:42:GLY:N	2:B:5:GLY:N	15	1.75
(2,2)	1:A:42:GLY:N	2:B:5:GLY:O	15	1.75
(2,2)	1:A:42:GLY:N	2:B:6:GLU:C	15	1.75
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:N	2:B:6:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:N	2:B:6:GLU:H	15	1.75
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:6:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:N	2:B:6:GLU:N	15	1.75
(2,2)	1:A:42:GLY:N	2:B:6:GLU:O	15	1.75
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:N	2:B:6:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:7:GLU:C	15	1.75
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:N	2:B:7:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:N	2:B:7:GLU:H	15	1.75
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:7:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:N	2:B:7:GLU:N	15	1.75
(2,2)	1:A:42:GLY:N	2:B:7:GLU:O	15	1.75
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:N	2:B:7:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:8:GLU:C	15	1.75
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:N	2:B:8:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:N	2:B:8:GLU:H	15	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:8:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:N	2:B:8:GLU:N	15	1.75
(2,2)	1:A:42:GLY:N	2:B:8:GLU:O	15	1.75
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:N	2:B:8:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:9:GLY:C	15	1.75
(2,2)	1:A:42:GLY:N	2:B:9:GLY:CA	15	1.75
(2,2)	1:A:42:GLY:N	2:B:9:GLY:H	15	1.75
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:9:GLY:HA3	15	1.75
(2,2)	1:A:42:GLY:N	2:B:9:GLY:N	15	1.75
(2,2)	1:A:42:GLY:N	2:B:9:GLY:O	15	1.75
(2,2)	1:A:42:GLY:N	2:B:10:GLU:C	15	1.75
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:N	2:B:10:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:N	2:B:10:GLU:H	15	1.75
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:10:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:N	2:B:10:GLU:N	15	1.75
(2,2)	1:A:42:GLY:N	2:B:10:GLU:O	15	1.75
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:N	2:B:10:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:11:GLU:C	15	1.75
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:N	2:B:11:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:N	2:B:11:GLU:H	15	1.75
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:11:GLU:HG3	15	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:N	2:B:11:GLU:N	15	1.75
(2,2)	1:A:42:GLY:N	2:B:11:GLU:O	15	1.75
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:N	2:B:11:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:12:TYR:C	15	1.75
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CA	15	1.75
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CB	15	1.75
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD1	15	1.75
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CD2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE1	15	1.75
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CE2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CG	15	1.75
(2,2)	1:A:42:GLY:N	2:B:12:TYR:CZ	15	1.75
(2,2)	1:A:42:GLY:N	2:B:12:TYR:H	15	1.75
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HA	15	1.75
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HB3	15	1.75
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD1	15	1.75
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HD2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE1	15	1.75
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HE2	15	1.75
(2,2)	1:A:42:GLY:N	2:B:12:TYR:HH	15	1.75
(2,2)	1:A:42:GLY:N	2:B:12:TYR:N	15	1.75
(2,2)	1:A:42:GLY:N	2:B:12:TYR:O	15	1.75
(2,2)	1:A:42:GLY:N	2:B:12:TYR:OH	15	1.75
(2,2)	1:A:42:GLY:O	2:B:3:GLY:C	15	1.75
(2,2)	1:A:42:GLY:O	2:B:3:GLY:CA	15	1.75
(2,2)	1:A:42:GLY:O	2:B:3:GLY:H	15	1.75
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:3:GLY:HA3	15	1.75
(2,2)	1:A:42:GLY:O	2:B:3:GLY:N	15	1.75
(2,2)	1:A:42:GLY:O	2:B:3:GLY:O	15	1.75
(2,2)	1:A:42:GLY:O	2:B:4:GLU:C	15	1.75
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:O	2:B:4:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:O	2:B:4:GLU:H	15	1.75
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG2	15	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:4:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:O	2:B:4:GLU:N	15	1.75
(2,2)	1:A:42:GLY:O	2:B:4:GLU:O	15	1.75
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:O	2:B:4:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:5:GLY:C	15	1.75
(2,2)	1:A:42:GLY:O	2:B:5:GLY:CA	15	1.75
(2,2)	1:A:42:GLY:O	2:B:5:GLY:H	15	1.75
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:5:GLY:HA3	15	1.75
(2,2)	1:A:42:GLY:O	2:B:5:GLY:N	15	1.75
(2,2)	1:A:42:GLY:O	2:B:5:GLY:O	15	1.75
(2,2)	1:A:42:GLY:O	2:B:6:GLU:C	15	1.75
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:O	2:B:6:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:O	2:B:6:GLU:H	15	1.75
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:6:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:O	2:B:6:GLU:N	15	1.75
(2,2)	1:A:42:GLY:O	2:B:6:GLU:O	15	1.75
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:O	2:B:6:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:7:GLU:C	15	1.75
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:O	2:B:7:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:O	2:B:7:GLU:H	15	1.75
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:7:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:O	2:B:7:GLU:N	15	1.75
(2,2)	1:A:42:GLY:O	2:B:7:GLU:O	15	1.75
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:O	2:B:7:GLU:OE2	15	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:8:GLU:C	15	1.75
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:O	2:B:8:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:O	2:B:8:GLU:H	15	1.75
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:8:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:O	2:B:8:GLU:N	15	1.75
(2,2)	1:A:42:GLY:O	2:B:8:GLU:O	15	1.75
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:O	2:B:8:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:9:GLY:C	15	1.75
(2,2)	1:A:42:GLY:O	2:B:9:GLY:CA	15	1.75
(2,2)	1:A:42:GLY:O	2:B:9:GLY:H	15	1.75
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:9:GLY:HA3	15	1.75
(2,2)	1:A:42:GLY:O	2:B:9:GLY:N	15	1.75
(2,2)	1:A:42:GLY:O	2:B:9:GLY:O	15	1.75
(2,2)	1:A:42:GLY:O	2:B:10:GLU:C	15	1.75
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:O	2:B:10:GLU:CG	15	1.75
(2,2)	1:A:42:GLY:O	2:B:10:GLU:H	15	1.75
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:10:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:O	2:B:10:GLU:N	15	1.75
(2,2)	1:A:42:GLY:O	2:B:10:GLU:O	15	1.75
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:O	2:B:10:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:11:GLU:C	15	1.75
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CA	15	1.75
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CB	15	1.75
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CD	15	1.75
(2,2)	1:A:42:GLY:O	2:B:11:GLU:CG	15	1.75

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:A:42:GLY:O	2:B:11:GLU:H	15	1.75
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HA	15	1.75
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HB3	15	1.75
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:11:GLU:HG3	15	1.75
(2,2)	1:A:42:GLY:O	2:B:11:GLU:N	15	1.75
(2,2)	1:A:42:GLY:O	2:B:11:GLU:O	15	1.75
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE1	15	1.75
(2,2)	1:A:42:GLY:O	2:B:11:GLU:OE2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:12:TYR:C	15	1.75
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CA	15	1.75
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CB	15	1.75
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD1	15	1.75
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CD2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE1	15	1.75
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CE2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CG	15	1.75
(2,2)	1:A:42:GLY:O	2:B:12:TYR:CZ	15	1.75
(2,2)	1:A:42:GLY:O	2:B:12:TYR:H	15	1.75
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HA	15	1.75
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HB3	15	1.75
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD1	15	1.75
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HD2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE1	15	1.75
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HE2	15	1.75
(2,2)	1:A:42:GLY:O	2:B:12:TYR:HH	15	1.75
(2,2)	1:A:42:GLY:O	2:B:12:TYR:N	15	1.75
(2,2)	1:A:42:GLY:O	2:B:12:TYR:O	15	1.75
(2,2)	1:A:42:GLY:O	2:B:12:TYR:OH	15	1.75
(1,8)	1:A:43:LYS:HG3	2:B:4:GLU:HA	18	1.11
(2,3)	1:A:44:ALA:C	2:B:3:GLY:C	11	0.9
(2,3)	1:A:44:ALA:C	2:B:3:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:C	2:B:3:GLY:H	11	0.9
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:C	2:B:3:GLY:N	11	0.9
(2,3)	1:A:44:ALA:C	2:B:3:GLY:O	11	0.9
(2,3)	1:A:44:ALA:C	2:B:4:GLU:C	11	0.9
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CB	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:C	2:B:4:GLU:H	11	0.9
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:C	2:B:4:GLU:N	11	0.9
(2,3)	1:A:44:ALA:C	2:B:4:GLU:O	11	0.9
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:5:GLY:C	11	0.9
(2,3)	1:A:44:ALA:C	2:B:5:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:C	2:B:5:GLY:H	11	0.9
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:C	2:B:5:GLY:N	11	0.9
(2,3)	1:A:44:ALA:C	2:B:5:GLY:O	11	0.9
(2,3)	1:A:44:ALA:C	2:B:6:GLU:C	11	0.9
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:C	2:B:6:GLU:H	11	0.9
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:C	2:B:6:GLU:N	11	0.9
(2,3)	1:A:44:ALA:C	2:B:6:GLU:O	11	0.9
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:7:GLU:C	11	0.9
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:C	2:B:7:GLU:H	11	0.9
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB2	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:C	2:B:7:GLU:N	11	0.9
(2,3)	1:A:44:ALA:C	2:B:7:GLU:O	11	0.9
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:8:GLU:C	11	0.9
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:C	2:B:8:GLU:H	11	0.9
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:C	2:B:8:GLU:N	11	0.9
(2,3)	1:A:44:ALA:C	2:B:8:GLU:O	11	0.9
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:9:GLY:C	11	0.9
(2,3)	1:A:44:ALA:C	2:B:9:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:C	2:B:9:GLY:H	11	0.9
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:C	2:B:9:GLY:N	11	0.9
(2,3)	1:A:44:ALA:C	2:B:9:GLY:O	11	0.9
(2,3)	1:A:44:ALA:C	2:B:10:GLU:C	11	0.9
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:C	2:B:10:GLU:H	11	0.9
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:C	2:B:10:GLU:N	11	0.9
(2,3)	1:A:44:ALA:C	2:B:10:GLU:O	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:11:GLU:C	11	0.9
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:C	2:B:11:GLU:H	11	0.9
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:C	2:B:11:GLU:N	11	0.9
(2,3)	1:A:44:ALA:C	2:B:11:GLU:O	11	0.9
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:12:TYR:C	11	0.9
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CA	11	0.9
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CB	11	0.9
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD1	11	0.9
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE1	11	0.9
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CG	11	0.9
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CZ	11	0.9
(2,3)	1:A:44:ALA:C	2:B:12:TYR:H	11	0.9
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HA	11	0.9
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB3	11	0.9
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD1	11	0.9
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE1	11	0.9
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE2	11	0.9
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HH	11	0.9
(2,3)	1:A:44:ALA:C	2:B:12:TYR:N	11	0.9
(2,3)	1:A:44:ALA:C	2:B:12:TYR:O	11	0.9
(2,3)	1:A:44:ALA:C	2:B:12:TYR:OH	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:C	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:H	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA2	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:N	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:O	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:C	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:H	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:N	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:O	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:C	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:H	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:N	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:O	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:C	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:H	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:N	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:O	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:C	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CA	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:H	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:N	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:O	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:C	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:H	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:N	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:O	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:C	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:H	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:N	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:O	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:C	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:H	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HA	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:N	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:O	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:C	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:H	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:N	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:O	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:C	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CA	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CB	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD1	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE1	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CG	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CZ	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:H	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HA	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB3	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD1	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE1	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE2	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HH	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:N	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:O	11	0.9
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:OH	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:C	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:H	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:N	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:O	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:C	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:H	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:N	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:O	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:C	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:H	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:N	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:O	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:C	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:H	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG3	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:N	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:O	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:C	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:H	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:N	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:O	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:C	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:H	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:N	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:O	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:C	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:H	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:N	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:O	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:C	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:H	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:N	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:O	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:C	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:H	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:N	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:O	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:C	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CA	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CB	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD1	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE1	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CG	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CZ	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:H	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HA	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB3	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD1	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE1	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE2	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HH	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:N	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:O	11	0.9
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:OH	11	0.9
(2,3)	1:A:44:ALA:H	2:B:3:GLY:C	11	0.9
(2,3)	1:A:44:ALA:H	2:B:3:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:H	2:B:3:GLY:H	11	0.9
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:H	2:B:3:GLY:N	11	0.9
(2,3)	1:A:44:ALA:H	2:B:3:GLY:O	11	0.9
(2,3)	1:A:44:ALA:H	2:B:4:GLU:C	11	0.9
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:H	2:B:4:GLU:H	11	0.9
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:H	2:B:4:GLU:N	11	0.9
(2,3)	1:A:44:ALA:H	2:B:4:GLU:O	11	0.9
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:5:GLY:C	11	0.9
(2,3)	1:A:44:ALA:H	2:B:5:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:H	2:B:5:GLY:H	11	0.9
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:H	2:B:5:GLY:N	11	0.9
(2,3)	1:A:44:ALA:H	2:B:5:GLY:O	11	0.9
(2,3)	1:A:44:ALA:H	2:B:6:GLU:C	11	0.9
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CG	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:6:GLU:H	11	0.9
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:H	2:B:6:GLU:N	11	0.9
(2,3)	1:A:44:ALA:H	2:B:6:GLU:O	11	0.9
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:7:GLU:C	11	0.9
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:H	2:B:7:GLU:H	11	0.9
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:H	2:B:7:GLU:N	11	0.9
(2,3)	1:A:44:ALA:H	2:B:7:GLU:O	11	0.9
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:8:GLU:C	11	0.9
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:H	2:B:8:GLU:H	11	0.9
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:H	2:B:8:GLU:N	11	0.9
(2,3)	1:A:44:ALA:H	2:B:8:GLU:O	11	0.9
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:9:GLY:C	11	0.9
(2,3)	1:A:44:ALA:H	2:B:9:GLY:CA	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:9:GLY:H	11	0.9
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:H	2:B:9:GLY:N	11	0.9
(2,3)	1:A:44:ALA:H	2:B:9:GLY:O	11	0.9
(2,3)	1:A:44:ALA:H	2:B:10:GLU:C	11	0.9
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:H	2:B:10:GLU:H	11	0.9
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:H	2:B:10:GLU:N	11	0.9
(2,3)	1:A:44:ALA:H	2:B:10:GLU:O	11	0.9
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:11:GLU:C	11	0.9
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:H	2:B:11:GLU:H	11	0.9
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:H	2:B:11:GLU:N	11	0.9
(2,3)	1:A:44:ALA:H	2:B:11:GLU:O	11	0.9
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:12:TYR:C	11	0.9
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CA	11	0.9
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CB	11	0.9
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD1	11	0.9
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE1	11	0.9
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE2	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CG	11	0.9
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CZ	11	0.9
(2,3)	1:A:44:ALA:H	2:B:12:TYR:H	11	0.9
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HA	11	0.9
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB3	11	0.9
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD1	11	0.9
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE1	11	0.9
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE2	11	0.9
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HH	11	0.9
(2,3)	1:A:44:ALA:H	2:B:12:TYR:N	11	0.9
(2,3)	1:A:44:ALA:H	2:B:12:TYR:O	11	0.9
(2,3)	1:A:44:ALA:H	2:B:12:TYR:OH	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:C	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:H	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:N	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:O	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:C	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:H	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:N	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:O	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG3	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:C	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:H	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:N	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:O	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:C	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CA	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CB	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD1	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE1	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CG	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CZ	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:H	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HA	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB3	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD1	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE1	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE2	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HH	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:N	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:O	11	0.9
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:OH	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:C	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:H	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:N	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:O	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE2	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:C	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:H	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:N	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:O	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CG	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:C	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:H	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:N	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:O	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG2	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:C	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CA	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CB	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD1	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE1	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CG	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CZ	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:H	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HA	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB3	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD1	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE1	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE2	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HH	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:N	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:O	11	0.9
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:OH	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:C	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:H	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:N	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:O	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB3	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:C	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:H	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:N	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:O	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE1	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:C	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:H	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:N	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:O	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CD	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:C	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CA	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CB	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD1	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE1	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CG	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CZ	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:H	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HA	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB3	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD1	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE1	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE2	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HH	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:N	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:O	11	0.9
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:OH	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:C	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:H	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:N	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:O	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CB	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:C	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:H	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:N	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:O	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB2	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:C	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:H	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:N	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:O	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:O	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:C	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:H	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:N	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:O	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:C	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CA	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CB	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD1	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE1	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CG	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CZ	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:H	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HA	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB3	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD1	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE1	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE2	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HH	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:N	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:O	11	0.9
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:OH	11	0.9
(2,3)	1:A:44:ALA:N	2:B:3:GLY:C	11	0.9
(2,3)	1:A:44:ALA:N	2:B:3:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:N	2:B:3:GLY:H	11	0.9
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA2	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:N	2:B:3:GLY:N	11	0.9
(2,3)	1:A:44:ALA:N	2:B:3:GLY:O	11	0.9
(2,3)	1:A:44:ALA:N	2:B:4:GLU:C	11	0.9
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:N	2:B:4:GLU:H	11	0.9
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:N	2:B:4:GLU:N	11	0.9
(2,3)	1:A:44:ALA:N	2:B:4:GLU:O	11	0.9
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:5:GLY:C	11	0.9
(2,3)	1:A:44:ALA:N	2:B:5:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:N	2:B:5:GLY:H	11	0.9
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:N	2:B:5:GLY:N	11	0.9
(2,3)	1:A:44:ALA:N	2:B:5:GLY:O	11	0.9
(2,3)	1:A:44:ALA:N	2:B:6:GLU:C	11	0.9
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:N	2:B:6:GLU:H	11	0.9
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:N	2:B:6:GLU:N	11	0.9
(2,3)	1:A:44:ALA:N	2:B:6:GLU:O	11	0.9
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:7:GLU:C	11	0.9
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CA	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:N	2:B:7:GLU:H	11	0.9
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:N	2:B:7:GLU:N	11	0.9
(2,3)	1:A:44:ALA:N	2:B:7:GLU:O	11	0.9
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:8:GLU:C	11	0.9
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:N	2:B:8:GLU:H	11	0.9
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:N	2:B:8:GLU:N	11	0.9
(2,3)	1:A:44:ALA:N	2:B:8:GLU:O	11	0.9
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:9:GLY:C	11	0.9
(2,3)	1:A:44:ALA:N	2:B:9:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:N	2:B:9:GLY:H	11	0.9
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:N	2:B:9:GLY:N	11	0.9
(2,3)	1:A:44:ALA:N	2:B:9:GLY:O	11	0.9
(2,3)	1:A:44:ALA:N	2:B:10:GLU:C	11	0.9
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:N	2:B:10:GLU:H	11	0.9
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HA	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:N	2:B:10:GLU:N	11	0.9
(2,3)	1:A:44:ALA:N	2:B:10:GLU:O	11	0.9
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:11:GLU:C	11	0.9
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:N	2:B:11:GLU:H	11	0.9
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:N	2:B:11:GLU:N	11	0.9
(2,3)	1:A:44:ALA:N	2:B:11:GLU:O	11	0.9
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:12:TYR:C	11	0.9
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CA	11	0.9
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CB	11	0.9
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD1	11	0.9
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE1	11	0.9
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CG	11	0.9
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CZ	11	0.9
(2,3)	1:A:44:ALA:N	2:B:12:TYR:H	11	0.9
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HA	11	0.9
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB3	11	0.9
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD1	11	0.9
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE1	11	0.9
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE2	11	0.9
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HH	11	0.9
(2,3)	1:A:44:ALA:N	2:B:12:TYR:N	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:12:TYR:O	11	0.9
(2,3)	1:A:44:ALA:N	2:B:12:TYR:OH	11	0.9
(2,3)	1:A:44:ALA:O	2:B:3:GLY:C	11	0.9
(2,3)	1:A:44:ALA:O	2:B:3:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:O	2:B:3:GLY:H	11	0.9
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:O	2:B:3:GLY:N	11	0.9
(2,3)	1:A:44:ALA:O	2:B:3:GLY:O	11	0.9
(2,3)	1:A:44:ALA:O	2:B:4:GLU:C	11	0.9
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:O	2:B:4:GLU:H	11	0.9
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:O	2:B:4:GLU:N	11	0.9
(2,3)	1:A:44:ALA:O	2:B:4:GLU:O	11	0.9
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:5:GLY:C	11	0.9
(2,3)	1:A:44:ALA:O	2:B:5:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:O	2:B:5:GLY:H	11	0.9
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:O	2:B:5:GLY:N	11	0.9
(2,3)	1:A:44:ALA:O	2:B:5:GLY:O	11	0.9
(2,3)	1:A:44:ALA:O	2:B:6:GLU:C	11	0.9
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:O	2:B:6:GLU:H	11	0.9
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG3	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:6:GLU:N	11	0.9
(2,3)	1:A:44:ALA:O	2:B:6:GLU:O	11	0.9
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:7:GLU:C	11	0.9
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:O	2:B:7:GLU:H	11	0.9
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:O	2:B:7:GLU:N	11	0.9
(2,3)	1:A:44:ALA:O	2:B:7:GLU:O	11	0.9
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:8:GLU:C	11	0.9
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:O	2:B:8:GLU:H	11	0.9
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:O	2:B:8:GLU:N	11	0.9
(2,3)	1:A:44:ALA:O	2:B:8:GLU:O	11	0.9
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:9:GLY:C	11	0.9
(2,3)	1:A:44:ALA:O	2:B:9:GLY:CA	11	0.9
(2,3)	1:A:44:ALA:O	2:B:9:GLY:H	11	0.9
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA3	11	0.9
(2,3)	1:A:44:ALA:O	2:B:9:GLY:N	11	0.9
(2,3)	1:A:44:ALA:O	2:B:9:GLY:O	11	0.9
(2,3)	1:A:44:ALA:O	2:B:10:GLU:C	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:O	2:B:10:GLU:H	11	0.9
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:O	2:B:10:GLU:N	11	0.9
(2,3)	1:A:44:ALA:O	2:B:10:GLU:O	11	0.9
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:11:GLU:C	11	0.9
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CA	11	0.9
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CB	11	0.9
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CD	11	0.9
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CG	11	0.9
(2,3)	1:A:44:ALA:O	2:B:11:GLU:H	11	0.9
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HA	11	0.9
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB3	11	0.9
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG3	11	0.9
(2,3)	1:A:44:ALA:O	2:B:11:GLU:N	11	0.9
(2,3)	1:A:44:ALA:O	2:B:11:GLU:O	11	0.9
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE1	11	0.9
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:12:TYR:C	11	0.9
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CA	11	0.9
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CB	11	0.9
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD1	11	0.9
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE1	11	0.9
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CG	11	0.9
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CZ	11	0.9
(2,3)	1:A:44:ALA:O	2:B:12:TYR:H	11	0.9
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HA	11	0.9
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB3	11	0.9

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD1	11	0.9
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE1	11	0.9
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE2	11	0.9
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HH	11	0.9
(2,3)	1:A:44:ALA:O	2:B:12:TYR:N	11	0.9
(2,3)	1:A:44:ALA:O	2:B:12:TYR:O	11	0.9
(2,3)	1:A:44:ALA:O	2:B:12:TYR:OH	11	0.9
(2,3)	1:A:44:ALA:C	2:B:3:GLY:C	17	0.87
(2,3)	1:A:44:ALA:C	2:B:3:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:C	2:B:3:GLY:H	17	0.87
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:C	2:B:3:GLY:N	17	0.87
(2,3)	1:A:44:ALA:C	2:B:3:GLY:O	17	0.87
(2,3)	1:A:44:ALA:C	2:B:4:GLU:C	17	0.87
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:C	2:B:4:GLU:H	17	0.87
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:C	2:B:4:GLU:N	17	0.87
(2,3)	1:A:44:ALA:C	2:B:4:GLU:O	17	0.87
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:5:GLY:C	17	0.87
(2,3)	1:A:44:ALA:C	2:B:5:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:C	2:B:5:GLY:H	17	0.87
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:C	2:B:5:GLY:N	17	0.87
(2,3)	1:A:44:ALA:C	2:B:5:GLY:O	17	0.87
(2,3)	1:A:44:ALA:C	2:B:6:GLU:C	17	0.87
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CG	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:6:GLU:H	17	0.87
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:C	2:B:6:GLU:N	17	0.87
(2,3)	1:A:44:ALA:C	2:B:6:GLU:O	17	0.87
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:7:GLU:C	17	0.87
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:C	2:B:7:GLU:H	17	0.87
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:C	2:B:7:GLU:N	17	0.87
(2,3)	1:A:44:ALA:C	2:B:7:GLU:O	17	0.87
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:8:GLU:C	17	0.87
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:C	2:B:8:GLU:H	17	0.87
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:C	2:B:8:GLU:N	17	0.87
(2,3)	1:A:44:ALA:C	2:B:8:GLU:O	17	0.87
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:9:GLY:C	17	0.87
(2,3)	1:A:44:ALA:C	2:B:9:GLY:CA	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:9:GLY:H	17	0.87
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:C	2:B:9:GLY:N	17	0.87
(2,3)	1:A:44:ALA:C	2:B:9:GLY:O	17	0.87
(2,3)	1:A:44:ALA:C	2:B:10:GLU:C	17	0.87
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:C	2:B:10:GLU:H	17	0.87
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:C	2:B:10:GLU:N	17	0.87
(2,3)	1:A:44:ALA:C	2:B:10:GLU:O	17	0.87
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:11:GLU:C	17	0.87
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:C	2:B:11:GLU:H	17	0.87
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:C	2:B:11:GLU:N	17	0.87
(2,3)	1:A:44:ALA:C	2:B:11:GLU:O	17	0.87
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:12:TYR:C	17	0.87
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CA	17	0.87
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CB	17	0.87
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD1	17	0.87
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE1	17	0.87
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE2	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CG	17	0.87
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CZ	17	0.87
(2,3)	1:A:44:ALA:C	2:B:12:TYR:H	17	0.87
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HA	17	0.87
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB3	17	0.87
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD1	17	0.87
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE1	17	0.87
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE2	17	0.87
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HH	17	0.87
(2,3)	1:A:44:ALA:C	2:B:12:TYR:N	17	0.87
(2,3)	1:A:44:ALA:C	2:B:12:TYR:O	17	0.87
(2,3)	1:A:44:ALA:C	2:B:12:TYR:OH	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:C	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:H	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:N	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:O	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:C	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:H	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:N	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:O	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:C	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:H	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:N	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:O	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:C	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:H	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:N	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:O	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:C	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:H	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:N	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:O	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:C	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:H	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG3	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:N	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:O	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:C	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:H	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:N	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:O	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:C	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:H	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:N	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:O	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:C	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:H	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:N	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:O	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:C	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CA	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CB	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD1	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE1	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CG	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CZ	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:H	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HA	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB3	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD1	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE1	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE2	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HH	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:N	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:O	17	0.87
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:OH	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:C	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:H	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:N	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:O	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:C	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:H	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:N	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:O	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE2	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:C	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:H	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:N	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:O	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:C	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:H	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:N	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:O	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:C	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:H	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:N	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:O	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:C	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CG	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:H	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:N	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:O	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:C	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:H	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:N	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:O	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:C	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:H	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:N	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:O	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:C	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:H	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG2	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:N	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:O	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:C	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CA	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CB	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD1	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE1	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CG	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CZ	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:H	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HA	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB3	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD1	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE1	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE2	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HH	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:N	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:O	17	0.87
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:OH	17	0.87
(2,3)	1:A:44:ALA:H	2:B:3:GLY:C	17	0.87
(2,3)	1:A:44:ALA:H	2:B:3:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:H	2:B:3:GLY:H	17	0.87
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:H	2:B:3:GLY:N	17	0.87
(2,3)	1:A:44:ALA:H	2:B:3:GLY:O	17	0.87
(2,3)	1:A:44:ALA:H	2:B:4:GLU:C	17	0.87
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:H	2:B:4:GLU:H	17	0.87
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB3	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:H	2:B:4:GLU:N	17	0.87
(2,3)	1:A:44:ALA:H	2:B:4:GLU:O	17	0.87
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:5:GLY:C	17	0.87
(2,3)	1:A:44:ALA:H	2:B:5:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:H	2:B:5:GLY:H	17	0.87
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:H	2:B:5:GLY:N	17	0.87
(2,3)	1:A:44:ALA:H	2:B:5:GLY:O	17	0.87
(2,3)	1:A:44:ALA:H	2:B:6:GLU:C	17	0.87
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:H	2:B:6:GLU:H	17	0.87
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:H	2:B:6:GLU:N	17	0.87
(2,3)	1:A:44:ALA:H	2:B:6:GLU:O	17	0.87
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:7:GLU:C	17	0.87
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:H	2:B:7:GLU:H	17	0.87
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:H	2:B:7:GLU:N	17	0.87
(2,3)	1:A:44:ALA:H	2:B:7:GLU:O	17	0.87
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE1	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:8:GLU:C	17	0.87
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:H	2:B:8:GLU:H	17	0.87
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:H	2:B:8:GLU:N	17	0.87
(2,3)	1:A:44:ALA:H	2:B:8:GLU:O	17	0.87
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:9:GLY:C	17	0.87
(2,3)	1:A:44:ALA:H	2:B:9:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:H	2:B:9:GLY:H	17	0.87
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:H	2:B:9:GLY:N	17	0.87
(2,3)	1:A:44:ALA:H	2:B:9:GLY:O	17	0.87
(2,3)	1:A:44:ALA:H	2:B:10:GLU:C	17	0.87
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:H	2:B:10:GLU:H	17	0.87
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:H	2:B:10:GLU:N	17	0.87
(2,3)	1:A:44:ALA:H	2:B:10:GLU:O	17	0.87
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:11:GLU:C	17	0.87
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CD	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:H	2:B:11:GLU:H	17	0.87
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:H	2:B:11:GLU:N	17	0.87
(2,3)	1:A:44:ALA:H	2:B:11:GLU:O	17	0.87
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:12:TYR:C	17	0.87
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CA	17	0.87
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CB	17	0.87
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD1	17	0.87
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE1	17	0.87
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CG	17	0.87
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CZ	17	0.87
(2,3)	1:A:44:ALA:H	2:B:12:TYR:H	17	0.87
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HA	17	0.87
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB3	17	0.87
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD1	17	0.87
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE1	17	0.87
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE2	17	0.87
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HH	17	0.87
(2,3)	1:A:44:ALA:H	2:B:12:TYR:N	17	0.87
(2,3)	1:A:44:ALA:H	2:B:12:TYR:O	17	0.87
(2,3)	1:A:44:ALA:H	2:B:12:TYR:OH	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:C	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:H	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:N	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:O	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CB	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:C	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:H	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:N	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:O	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB2	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:C	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:H	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:N	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:O	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:O	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:C	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CA	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CB	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD1	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE1	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CG	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CZ	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:H	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HA	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB3	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD1	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE1	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE2	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HH	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:N	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:O	17	0.87
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:OH	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:C	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:H	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA2	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:N	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:O	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:C	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:H	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:N	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:O	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CA	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:C	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:H	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:N	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:O	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HA	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:C	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CA	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CB	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD1	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE1	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CG	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CZ	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:H	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HA	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB3	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD1	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE1	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE2	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HH	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:N	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:O	17	0.87
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:OH	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:C	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:H	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:N	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:O	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:C	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:H	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:N	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:O	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG3	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:C	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:H	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:N	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:O	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:C	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:C	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CA	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CB	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD1	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE1	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CG	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CZ	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:H	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HA	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB3	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD1	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE1	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE2	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HH	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:N	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:O	17	0.87
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:OH	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:C	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:H	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:N	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:O	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:C	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:H	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:N	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:O	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CG	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:C	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:CA	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:H	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:N	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:O	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:C	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:H	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:N	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:O	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:C	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CA	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CB	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD1	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE1	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE2	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CG	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CZ	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:H	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HA	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB3	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD1	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE1	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE2	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HH	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:N	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:O	17	0.87
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:OH	17	0.87
(2,3)	1:A:44:ALA:N	2:B:3:GLY:C	17	0.87
(2,3)	1:A:44:ALA:N	2:B:3:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:N	2:B:3:GLY:H	17	0.87
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:N	2:B:3:GLY:N	17	0.87
(2,3)	1:A:44:ALA:N	2:B:3:GLY:O	17	0.87
(2,3)	1:A:44:ALA:N	2:B:4:GLU:C	17	0.87
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:N	2:B:4:GLU:H	17	0.87
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:N	2:B:4:GLU:N	17	0.87
(2,3)	1:A:44:ALA:N	2:B:4:GLU:O	17	0.87
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:5:GLY:C	17	0.87
(2,3)	1:A:44:ALA:N	2:B:5:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:N	2:B:5:GLY:H	17	0.87
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:N	2:B:5:GLY:N	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:5:GLY:O	17	0.87
(2,3)	1:A:44:ALA:N	2:B:6:GLU:C	17	0.87
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:N	2:B:6:GLU:H	17	0.87
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:N	2:B:6:GLU:N	17	0.87
(2,3)	1:A:44:ALA:N	2:B:6:GLU:O	17	0.87
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:7:GLU:C	17	0.87
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:N	2:B:7:GLU:H	17	0.87
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:N	2:B:7:GLU:N	17	0.87
(2,3)	1:A:44:ALA:N	2:B:7:GLU:O	17	0.87
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:8:GLU:C	17	0.87
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:N	2:B:8:GLU:H	17	0.87
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG3	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:8:GLU:N	17	0.87
(2,3)	1:A:44:ALA:N	2:B:8:GLU:O	17	0.87
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:9:GLY:C	17	0.87
(2,3)	1:A:44:ALA:N	2:B:9:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:N	2:B:9:GLY:H	17	0.87
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:N	2:B:9:GLY:N	17	0.87
(2,3)	1:A:44:ALA:N	2:B:9:GLY:O	17	0.87
(2,3)	1:A:44:ALA:N	2:B:10:GLU:C	17	0.87
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:N	2:B:10:GLU:H	17	0.87
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:N	2:B:10:GLU:N	17	0.87
(2,3)	1:A:44:ALA:N	2:B:10:GLU:O	17	0.87
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:11:GLU:C	17	0.87
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:N	2:B:11:GLU:H	17	0.87
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:N	2:B:11:GLU:N	17	0.87
(2,3)	1:A:44:ALA:N	2:B:11:GLU:O	17	0.87
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:12:TYR:C	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CA	17	0.87
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CB	17	0.87
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD1	17	0.87
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE1	17	0.87
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CG	17	0.87
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CZ	17	0.87
(2,3)	1:A:44:ALA:N	2:B:12:TYR:H	17	0.87
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HA	17	0.87
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB3	17	0.87
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD1	17	0.87
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE1	17	0.87
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE2	17	0.87
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HH	17	0.87
(2,3)	1:A:44:ALA:N	2:B:12:TYR:N	17	0.87
(2,3)	1:A:44:ALA:N	2:B:12:TYR:O	17	0.87
(2,3)	1:A:44:ALA:N	2:B:12:TYR:OH	17	0.87
(2,3)	1:A:44:ALA:O	2:B:3:GLY:C	17	0.87
(2,3)	1:A:44:ALA:O	2:B:3:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:O	2:B:3:GLY:H	17	0.87
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:O	2:B:3:GLY:N	17	0.87
(2,3)	1:A:44:ALA:O	2:B:3:GLY:O	17	0.87
(2,3)	1:A:44:ALA:O	2:B:4:GLU:C	17	0.87
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:O	2:B:4:GLU:H	17	0.87
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:O	2:B:4:GLU:N	17	0.87
(2,3)	1:A:44:ALA:O	2:B:4:GLU:O	17	0.87
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE2	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:5:GLY:C	17	0.87
(2,3)	1:A:44:ALA:O	2:B:5:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:O	2:B:5:GLY:H	17	0.87
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:O	2:B:5:GLY:N	17	0.87
(2,3)	1:A:44:ALA:O	2:B:5:GLY:O	17	0.87
(2,3)	1:A:44:ALA:O	2:B:6:GLU:C	17	0.87
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:O	2:B:6:GLU:H	17	0.87
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:O	2:B:6:GLU:N	17	0.87
(2,3)	1:A:44:ALA:O	2:B:6:GLU:O	17	0.87
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:7:GLU:C	17	0.87
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:O	2:B:7:GLU:H	17	0.87
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:O	2:B:7:GLU:N	17	0.87
(2,3)	1:A:44:ALA:O	2:B:7:GLU:O	17	0.87
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:8:GLU:C	17	0.87
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CG	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:8:GLU:H	17	0.87
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:O	2:B:8:GLU:N	17	0.87
(2,3)	1:A:44:ALA:O	2:B:8:GLU:O	17	0.87
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:9:GLY:C	17	0.87
(2,3)	1:A:44:ALA:O	2:B:9:GLY:CA	17	0.87
(2,3)	1:A:44:ALA:O	2:B:9:GLY:H	17	0.87
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA3	17	0.87
(2,3)	1:A:44:ALA:O	2:B:9:GLY:N	17	0.87
(2,3)	1:A:44:ALA:O	2:B:9:GLY:O	17	0.87
(2,3)	1:A:44:ALA:O	2:B:10:GLU:C	17	0.87
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:O	2:B:10:GLU:H	17	0.87
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:O	2:B:10:GLU:N	17	0.87
(2,3)	1:A:44:ALA:O	2:B:10:GLU:O	17	0.87
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:11:GLU:C	17	0.87
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CA	17	0.87
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CB	17	0.87
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CD	17	0.87
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CG	17	0.87
(2,3)	1:A:44:ALA:O	2:B:11:GLU:H	17	0.87
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HA	17	0.87
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB3	17	0.87
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG2	17	0.87

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG3	17	0.87
(2,3)	1:A:44:ALA:O	2:B:11:GLU:N	17	0.87
(2,3)	1:A:44:ALA:O	2:B:11:GLU:O	17	0.87
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE1	17	0.87
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:12:TYR:C	17	0.87
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CA	17	0.87
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CB	17	0.87
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD1	17	0.87
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE1	17	0.87
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CG	17	0.87
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CZ	17	0.87
(2,3)	1:A:44:ALA:O	2:B:12:TYR:H	17	0.87
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HA	17	0.87
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB3	17	0.87
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD1	17	0.87
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE1	17	0.87
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE2	17	0.87
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HH	17	0.87
(2,3)	1:A:44:ALA:O	2:B:12:TYR:N	17	0.87
(2,3)	1:A:44:ALA:O	2:B:12:TYR:O	17	0.87
(2,3)	1:A:44:ALA:O	2:B:12:TYR:OH	17	0.87
(2,3)	1:A:44:ALA:C	2:B:3:GLY:C	14	0.78
(2,3)	1:A:44:ALA:C	2:B:3:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:C	2:B:3:GLY:H	14	0.78
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:C	2:B:3:GLY:N	14	0.78
(2,3)	1:A:44:ALA:C	2:B:3:GLY:O	14	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:C	14	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:H	14	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB3	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:N	14	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:O	14	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:5:GLY:C	14	0.78
(2,3)	1:A:44:ALA:C	2:B:5:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:C	2:B:5:GLY:H	14	0.78
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:C	2:B:5:GLY:N	14	0.78
(2,3)	1:A:44:ALA:C	2:B:5:GLY:O	14	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:C	14	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:H	14	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:N	14	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:O	14	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:C	14	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:H	14	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:N	14	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:O	14	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE1	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:C	14	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:H	14	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:N	14	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:O	14	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:9:GLY:C	14	0.78
(2,3)	1:A:44:ALA:C	2:B:9:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:C	2:B:9:GLY:H	14	0.78
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:C	2:B:9:GLY:N	14	0.78
(2,3)	1:A:44:ALA:C	2:B:9:GLY:O	14	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:C	14	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:H	14	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:N	14	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:O	14	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:C	14	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CD	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:H	14	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:N	14	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:O	14	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:C	14	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CA	14	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CB	14	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD1	14	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE1	14	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CG	14	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CZ	14	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:H	14	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HA	14	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB3	14	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD1	14	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE1	14	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE2	14	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HH	14	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:N	14	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:O	14	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:OH	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:C	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:H	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:N	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:O	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:C	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CB	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:H	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:N	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:O	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:C	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:H	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:N	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:O	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:C	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:H	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:N	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:O	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:C	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:H	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB2	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:N	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:O	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:C	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:H	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:N	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:O	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:C	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:H	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:N	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:O	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:C	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:H	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:N	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:O	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:C	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:H	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:N	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:O	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:C	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CA	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CB	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD1	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE1	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CG	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CZ	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:H	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HA	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB3	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD1	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE1	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE2	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HH	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:N	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:O	14	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:OH	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:C	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:H	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA2	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:N	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:O	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:C	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:H	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:N	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:O	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:C	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:H	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:N	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:O	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:C	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:H	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:N	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:O	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:C	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CA	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:H	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:N	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:O	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:C	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:H	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:N	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:O	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:C	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:H	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:N	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:O	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:C	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:H	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HA	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:N	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:O	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:C	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:H	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:N	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:O	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:C	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CA	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CB	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD1	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE1	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CG	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CZ	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:H	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HA	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB3	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD1	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE1	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE2	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HH	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:N	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:O	14	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:OH	14	0.78
(2,3)	1:A:44:ALA:H	2:B:3:GLY:C	14	0.78
(2,3)	1:A:44:ALA:H	2:B:3:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:H	2:B:3:GLY:H	14	0.78
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:H	2:B:3:GLY:N	14	0.78
(2,3)	1:A:44:ALA:H	2:B:3:GLY:O	14	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:C	14	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:H	14	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:N	14	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:O	14	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:5:GLY:C	14	0.78
(2,3)	1:A:44:ALA:H	2:B:5:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:H	2:B:5:GLY:H	14	0.78
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:H	2:B:5:GLY:N	14	0.78
(2,3)	1:A:44:ALA:H	2:B:5:GLY:O	14	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:C	14	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:H	14	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG3	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:6:GLU:N	14	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:O	14	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:C	14	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:H	14	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:N	14	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:O	14	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:C	14	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:H	14	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:N	14	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:O	14	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:9:GLY:C	14	0.78
(2,3)	1:A:44:ALA:H	2:B:9:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:H	2:B:9:GLY:H	14	0.78
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:H	2:B:9:GLY:N	14	0.78
(2,3)	1:A:44:ALA:H	2:B:9:GLY:O	14	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:C	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:H	14	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:N	14	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:O	14	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:C	14	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:H	14	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:N	14	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:O	14	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:C	14	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CA	14	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CB	14	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD1	14	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE1	14	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CG	14	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CZ	14	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:H	14	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HA	14	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB3	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD1	14	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE1	14	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE2	14	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HH	14	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:N	14	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:O	14	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:OH	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:C	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:H	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:N	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:O	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:C	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:H	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:N	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:O	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CG	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:C	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:CA	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:H	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:N	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:O	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:C	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CA	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CB	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD1	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE1	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE2	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CG	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CZ	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:H	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HA	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB3	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD1	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE1	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE2	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HH	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:N	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:O	14	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:OH	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:C	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:H	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:N	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:O	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:C	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:H	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:N	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:O	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG3	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:C	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:H	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:N	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:O	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:C	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CA	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CB	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD1	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE1	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CG	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CZ	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:H	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HA	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB3	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD1	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE1	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE2	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HH	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:N	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:O	14	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:OH	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:C	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:H	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:N	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:O	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE2	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:C	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:H	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:N	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:O	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CG	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:C	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:H	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:N	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:O	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG2	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:C	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CA	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CB	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD1	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE1	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CG	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CZ	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:H	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HA	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB3	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD1	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE1	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE2	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HH	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:N	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:O	14	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:OH	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:C	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:H	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:N	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:O	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB3	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:C	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:H	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:N	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:O	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE1	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:C	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:H	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:N	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:O	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:C	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CD	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:H	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:N	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:O	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:C	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CA	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CB	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD1	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE1	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CG	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CZ	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:H	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HA	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB3	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD1	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE1	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE2	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HH	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:N	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:O	14	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:OH	14	0.78
(2,3)	1:A:44:ALA:N	2:B:3:GLY:C	14	0.78
(2,3)	1:A:44:ALA:N	2:B:3:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:N	2:B:3:GLY:H	14	0.78
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:N	2:B:3:GLY:N	14	0.78
(2,3)	1:A:44:ALA:N	2:B:3:GLY:O	14	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:C	14	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CB	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:H	14	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:N	14	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:O	14	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:5:GLY:C	14	0.78
(2,3)	1:A:44:ALA:N	2:B:5:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:N	2:B:5:GLY:H	14	0.78
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:N	2:B:5:GLY:N	14	0.78
(2,3)	1:A:44:ALA:N	2:B:5:GLY:O	14	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:C	14	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:H	14	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:N	14	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:O	14	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:C	14	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:H	14	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB2	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:N	14	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:O	14	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:C	14	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:H	14	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:N	14	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:O	14	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:9:GLY:C	14	0.78
(2,3)	1:A:44:ALA:N	2:B:9:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:N	2:B:9:GLY:H	14	0.78
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:N	2:B:9:GLY:N	14	0.78
(2,3)	1:A:44:ALA:N	2:B:9:GLY:O	14	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:C	14	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:H	14	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:N	14	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:O	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:C	14	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:H	14	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:N	14	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:O	14	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:C	14	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CA	14	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CB	14	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD1	14	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE1	14	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CG	14	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CZ	14	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:H	14	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HA	14	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB3	14	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD1	14	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE1	14	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE2	14	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HH	14	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:N	14	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:O	14	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:OH	14	0.78
(2,3)	1:A:44:ALA:O	2:B:3:GLY:C	14	0.78
(2,3)	1:A:44:ALA:O	2:B:3:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:O	2:B:3:GLY:H	14	0.78
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA2	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:O	2:B:3:GLY:N	14	0.78
(2,3)	1:A:44:ALA:O	2:B:3:GLY:O	14	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:C	14	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:H	14	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:N	14	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:O	14	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:5:GLY:C	14	0.78
(2,3)	1:A:44:ALA:O	2:B:5:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:O	2:B:5:GLY:H	14	0.78
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:O	2:B:5:GLY:N	14	0.78
(2,3)	1:A:44:ALA:O	2:B:5:GLY:O	14	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:C	14	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:H	14	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:N	14	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:O	14	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:C	14	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CA	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:H	14	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:N	14	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:O	14	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:C	14	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:H	14	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:N	14	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:O	14	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:9:GLY:C	14	0.78
(2,3)	1:A:44:ALA:O	2:B:9:GLY:CA	14	0.78
(2,3)	1:A:44:ALA:O	2:B:9:GLY:H	14	0.78
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA3	14	0.78
(2,3)	1:A:44:ALA:O	2:B:9:GLY:N	14	0.78
(2,3)	1:A:44:ALA:O	2:B:9:GLY:O	14	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:C	14	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:H	14	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HA	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:N	14	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:O	14	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:C	14	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CA	14	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CB	14	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CD	14	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CG	14	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:H	14	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HA	14	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB3	14	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG3	14	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:N	14	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:O	14	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE1	14	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:C	14	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CA	14	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CB	14	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD1	14	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE1	14	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CG	14	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CZ	14	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:H	14	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HA	14	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB3	14	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD1	14	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE1	14	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE2	14	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HH	14	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:N	14	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:12:TYR:O	14	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:OH	14	0.78
(2,3)	1:A:44:ALA:C	2:B:3:GLY:C	16	0.78
(2,3)	1:A:44:ALA:C	2:B:3:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:C	2:B:3:GLY:H	16	0.78
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:C	2:B:3:GLY:N	16	0.78
(2,3)	1:A:44:ALA:C	2:B:3:GLY:O	16	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:C	16	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:H	16	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:N	16	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:O	16	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:5:GLY:C	16	0.78
(2,3)	1:A:44:ALA:C	2:B:5:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:C	2:B:5:GLY:H	16	0.78
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:C	2:B:5:GLY:N	16	0.78
(2,3)	1:A:44:ALA:C	2:B:5:GLY:O	16	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:C	16	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:H	16	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG3	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:6:GLU:N	16	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:O	16	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:C	16	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:H	16	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:N	16	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:O	16	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:C	16	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:H	16	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:N	16	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:O	16	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:9:GLY:C	16	0.78
(2,3)	1:A:44:ALA:C	2:B:9:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:C	2:B:9:GLY:H	16	0.78
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:C	2:B:9:GLY:N	16	0.78
(2,3)	1:A:44:ALA:C	2:B:9:GLY:O	16	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:C	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:H	16	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:N	16	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:O	16	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:C	16	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:H	16	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:N	16	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:O	16	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:C	16	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CA	16	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CB	16	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD1	16	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE1	16	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CG	16	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CZ	16	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:H	16	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HA	16	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB3	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD1	16	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE1	16	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE2	16	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HH	16	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:N	16	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:O	16	0.78
(2,3)	1:A:44:ALA:C	2:B:12:TYR:OH	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:C	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:H	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:N	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:O	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:C	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:H	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:N	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:O	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:C	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:H	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:N	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:O	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:C	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CG	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:H	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:N	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:O	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:C	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:H	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:N	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:O	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:C	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:H	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:N	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:O	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:C	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:CA	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:H	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:N	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:O	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:C	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:H	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:N	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:O	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:C	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:H	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:N	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:O	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:C	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CA	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CB	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD1	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE1	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE2	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CG	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CZ	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:H	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HA	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB3	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD1	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE1	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE2	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HH	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:N	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:O	16	0.78
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:OH	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:C	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:H	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:N	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:O	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:C	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:H	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:N	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:O	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:C	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:H	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:N	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:O	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:C	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:H	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:N	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:O	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:C	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:H	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:N	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:O	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:C	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:H	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG3	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:N	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:O	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:C	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:H	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:N	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:O	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:C	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:H	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:N	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:O	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:C	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:H	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:N	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:O	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:C	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CA	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CB	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD1	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE1	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CG	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CZ	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:H	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HA	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB3	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD1	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE1	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE2	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HH	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:N	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:O	16	0.78
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:OH	16	0.78
(2,3)	1:A:44:ALA:H	2:B:3:GLY:C	16	0.78
(2,3)	1:A:44:ALA:H	2:B:3:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:H	2:B:3:GLY:H	16	0.78
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:H	2:B:3:GLY:N	16	0.78
(2,3)	1:A:44:ALA:H	2:B:3:GLY:O	16	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:C	16	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:H	16	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:N	16	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:O	16	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE2	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:5:GLY:C	16	0.78
(2,3)	1:A:44:ALA:H	2:B:5:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:H	2:B:5:GLY:H	16	0.78
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:H	2:B:5:GLY:N	16	0.78
(2,3)	1:A:44:ALA:H	2:B:5:GLY:O	16	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:C	16	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:H	16	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:N	16	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:O	16	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:C	16	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:H	16	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:N	16	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:O	16	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:C	16	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CG	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:8:GLU:H	16	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:N	16	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:O	16	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:9:GLY:C	16	0.78
(2,3)	1:A:44:ALA:H	2:B:9:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:H	2:B:9:GLY:H	16	0.78
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:H	2:B:9:GLY:N	16	0.78
(2,3)	1:A:44:ALA:H	2:B:9:GLY:O	16	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:C	16	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:H	16	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:N	16	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:O	16	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:C	16	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:H	16	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG2	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:N	16	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:O	16	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:C	16	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CA	16	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CB	16	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD1	16	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE1	16	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CG	16	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CZ	16	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:H	16	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HA	16	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB3	16	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD1	16	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE1	16	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE2	16	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HH	16	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:N	16	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:O	16	0.78
(2,3)	1:A:44:ALA:H	2:B:12:TYR:OH	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:C	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:H	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:N	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:O	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB3	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:C	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:H	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:N	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:O	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE1	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:C	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:H	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:N	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:O	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CD	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:C	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CA	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CB	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD1	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE1	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CG	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CZ	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:H	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HA	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB3	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD1	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE1	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE2	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HH	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:N	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:O	16	0.78
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:OH	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:C	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:H	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:N	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:O	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CB	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:C	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:H	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:N	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:O	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB2	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:C	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:H	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:N	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:O	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:O	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:C	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CA	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CB	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD1	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE1	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CG	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CZ	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:H	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HA	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB3	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD1	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE1	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE2	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HH	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:N	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:O	16	0.78
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:OH	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:C	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:H	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA2	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:N	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:O	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:C	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:H	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:N	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:O	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CA	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:C	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:H	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:N	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:O	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HA	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:C	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CA	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CB	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD1	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE1	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CG	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CZ	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:H	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HA	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB3	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD1	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE1	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE2	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HH	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:N	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:O	16	0.78
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:OH	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:C	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:H	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:N	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:O	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:C	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:H	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:N	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:O	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG3	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:C	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:H	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:N	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:O	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:C	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:C	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:H	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:N	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:O	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:C	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CA	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CB	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD1	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE1	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CG	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CZ	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:H	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HA	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB3	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD1	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE1	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE2	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HH	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:N	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:O	16	0.78
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:OH	16	0.78
(2,3)	1:A:44:ALA:N	2:B:3:GLY:C	16	0.78
(2,3)	1:A:44:ALA:N	2:B:3:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:N	2:B:3:GLY:H	16	0.78
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:N	2:B:3:GLY:N	16	0.78
(2,3)	1:A:44:ALA:N	2:B:3:GLY:O	16	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:C	16	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:H	16	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:N	16	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:O	16	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:5:GLY:C	16	0.78
(2,3)	1:A:44:ALA:N	2:B:5:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:N	2:B:5:GLY:H	16	0.78
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:N	2:B:5:GLY:N	16	0.78
(2,3)	1:A:44:ALA:N	2:B:5:GLY:O	16	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:C	16	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CG	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:6:GLU:H	16	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:N	16	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:O	16	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:C	16	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:H	16	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:N	16	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:O	16	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:C	16	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:H	16	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:N	16	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:O	16	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:9:GLY:C	16	0.78
(2,3)	1:A:44:ALA:N	2:B:9:GLY:CA	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:9:GLY:H	16	0.78
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:N	2:B:9:GLY:N	16	0.78
(2,3)	1:A:44:ALA:N	2:B:9:GLY:O	16	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:C	16	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:H	16	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:N	16	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:O	16	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:C	16	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:H	16	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:N	16	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:O	16	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:C	16	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CA	16	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CB	16	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD1	16	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE1	16	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE2	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CG	16	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CZ	16	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:H	16	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HA	16	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB3	16	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD1	16	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE1	16	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE2	16	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HH	16	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:N	16	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:O	16	0.78
(2,3)	1:A:44:ALA:N	2:B:12:TYR:OH	16	0.78
(2,3)	1:A:44:ALA:O	2:B:3:GLY:C	16	0.78
(2,3)	1:A:44:ALA:O	2:B:3:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:O	2:B:3:GLY:H	16	0.78
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:O	2:B:3:GLY:N	16	0.78
(2,3)	1:A:44:ALA:O	2:B:3:GLY:O	16	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:C	16	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:H	16	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:N	16	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:O	16	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:5:GLY:C	16	0.78
(2,3)	1:A:44:ALA:O	2:B:5:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:O	2:B:5:GLY:H	16	0.78
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:O	2:B:5:GLY:N	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:5:GLY:O	16	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:C	16	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:H	16	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:N	16	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:O	16	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:C	16	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:H	16	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:N	16	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:O	16	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:C	16	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:H	16	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG3	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:8:GLU:N	16	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:O	16	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:9:GLY:C	16	0.78
(2,3)	1:A:44:ALA:O	2:B:9:GLY:CA	16	0.78
(2,3)	1:A:44:ALA:O	2:B:9:GLY:H	16	0.78
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA3	16	0.78
(2,3)	1:A:44:ALA:O	2:B:9:GLY:N	16	0.78
(2,3)	1:A:44:ALA:O	2:B:9:GLY:O	16	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:C	16	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:H	16	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:N	16	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:O	16	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:C	16	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CA	16	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CB	16	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CD	16	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CG	16	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:H	16	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HA	16	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB3	16	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG3	16	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:N	16	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:O	16	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE1	16	0.78
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:C	16	0.78

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CA	16	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CB	16	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD1	16	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE1	16	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CG	16	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CZ	16	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:H	16	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HA	16	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB3	16	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD1	16	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE1	16	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE2	16	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HH	16	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:N	16	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:O	16	0.78
(2,3)	1:A:44:ALA:O	2:B:12:TYR:OH	16	0.78
(2,3)	1:A:44:ALA:C	2:B:3:GLY:C	7	0.76
(2,3)	1:A:44:ALA:C	2:B:3:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:C	2:B:3:GLY:H	7	0.76
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:C	2:B:3:GLY:N	7	0.76
(2,3)	1:A:44:ALA:C	2:B:3:GLY:O	7	0.76
(2,3)	1:A:44:ALA:C	2:B:4:GLU:C	7	0.76
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:C	2:B:4:GLU:H	7	0.76
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:C	2:B:4:GLU:N	7	0.76
(2,3)	1:A:44:ALA:C	2:B:4:GLU:O	7	0.76
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE2	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:5:GLY:C	7	0.76
(2,3)	1:A:44:ALA:C	2:B:5:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:C	2:B:5:GLY:H	7	0.76
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:C	2:B:5:GLY:N	7	0.76
(2,3)	1:A:44:ALA:C	2:B:5:GLY:O	7	0.76
(2,3)	1:A:44:ALA:C	2:B:6:GLU:C	7	0.76
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:C	2:B:6:GLU:H	7	0.76
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:C	2:B:6:GLU:N	7	0.76
(2,3)	1:A:44:ALA:C	2:B:6:GLU:O	7	0.76
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:7:GLU:C	7	0.76
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:C	2:B:7:GLU:H	7	0.76
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:C	2:B:7:GLU:N	7	0.76
(2,3)	1:A:44:ALA:C	2:B:7:GLU:O	7	0.76
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:8:GLU:C	7	0.76
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CG	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:8:GLU:H	7	0.76
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:C	2:B:8:GLU:N	7	0.76
(2,3)	1:A:44:ALA:C	2:B:8:GLU:O	7	0.76
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:9:GLY:C	7	0.76
(2,3)	1:A:44:ALA:C	2:B:9:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:C	2:B:9:GLY:H	7	0.76
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:C	2:B:9:GLY:N	7	0.76
(2,3)	1:A:44:ALA:C	2:B:9:GLY:O	7	0.76
(2,3)	1:A:44:ALA:C	2:B:10:GLU:C	7	0.76
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:C	2:B:10:GLU:H	7	0.76
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:C	2:B:10:GLU:N	7	0.76
(2,3)	1:A:44:ALA:C	2:B:10:GLU:O	7	0.76
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:11:GLU:C	7	0.76
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:C	2:B:11:GLU:H	7	0.76
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG2	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:C	2:B:11:GLU:N	7	0.76
(2,3)	1:A:44:ALA:C	2:B:11:GLU:O	7	0.76
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:12:TYR:C	7	0.76
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CA	7	0.76
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CB	7	0.76
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD1	7	0.76
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE1	7	0.76
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CG	7	0.76
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CZ	7	0.76
(2,3)	1:A:44:ALA:C	2:B:12:TYR:H	7	0.76
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HA	7	0.76
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB3	7	0.76
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD1	7	0.76
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE1	7	0.76
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE2	7	0.76
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HH	7	0.76
(2,3)	1:A:44:ALA:C	2:B:12:TYR:N	7	0.76
(2,3)	1:A:44:ALA:C	2:B:12:TYR:O	7	0.76
(2,3)	1:A:44:ALA:C	2:B:12:TYR:OH	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:C	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:H	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:N	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:O	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:C	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:H	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB3	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:N	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:O	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:C	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:H	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:N	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:O	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:C	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:H	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:N	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:O	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:C	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:H	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:N	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:O	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE1	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:C	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:H	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:N	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:O	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:C	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:H	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:N	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:O	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:C	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:H	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:N	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:O	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:C	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CD	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:H	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:N	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:O	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:C	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CA	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CB	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD1	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE1	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CG	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CZ	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:H	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HA	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB3	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD1	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE1	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE2	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HH	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:N	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:O	7	0.76
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:OH	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:C	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:H	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:N	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:O	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:C	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CB	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:H	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:N	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:O	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:C	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:H	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:N	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:O	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:C	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:H	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:N	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:O	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:C	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:H	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB2	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:N	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:O	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:C	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:H	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:N	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:O	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:C	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:H	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:N	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:O	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:C	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:H	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:N	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:O	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:C	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:H	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:N	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:O	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:C	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CA	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CB	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD1	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE1	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CG	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CZ	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:H	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HA	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB3	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD1	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE1	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE2	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HH	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:N	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:O	7	0.76
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:OH	7	0.76
(2,3)	1:A:44:ALA:H	2:B:3:GLY:C	7	0.76
(2,3)	1:A:44:ALA:H	2:B:3:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:H	2:B:3:GLY:H	7	0.76
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA2	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:H	2:B:3:GLY:N	7	0.76
(2,3)	1:A:44:ALA:H	2:B:3:GLY:O	7	0.76
(2,3)	1:A:44:ALA:H	2:B:4:GLU:C	7	0.76
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:H	2:B:4:GLU:H	7	0.76
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:H	2:B:4:GLU:N	7	0.76
(2,3)	1:A:44:ALA:H	2:B:4:GLU:O	7	0.76
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:5:GLY:C	7	0.76
(2,3)	1:A:44:ALA:H	2:B:5:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:H	2:B:5:GLY:H	7	0.76
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:H	2:B:5:GLY:N	7	0.76
(2,3)	1:A:44:ALA:H	2:B:5:GLY:O	7	0.76
(2,3)	1:A:44:ALA:H	2:B:6:GLU:C	7	0.76
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:H	2:B:6:GLU:H	7	0.76
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:H	2:B:6:GLU:N	7	0.76
(2,3)	1:A:44:ALA:H	2:B:6:GLU:O	7	0.76
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:7:GLU:C	7	0.76
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CA	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:H	2:B:7:GLU:H	7	0.76
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:H	2:B:7:GLU:N	7	0.76
(2,3)	1:A:44:ALA:H	2:B:7:GLU:O	7	0.76
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:8:GLU:C	7	0.76
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:H	2:B:8:GLU:H	7	0.76
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:H	2:B:8:GLU:N	7	0.76
(2,3)	1:A:44:ALA:H	2:B:8:GLU:O	7	0.76
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:9:GLY:C	7	0.76
(2,3)	1:A:44:ALA:H	2:B:9:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:H	2:B:9:GLY:H	7	0.76
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:H	2:B:9:GLY:N	7	0.76
(2,3)	1:A:44:ALA:H	2:B:9:GLY:O	7	0.76
(2,3)	1:A:44:ALA:H	2:B:10:GLU:C	7	0.76
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:H	2:B:10:GLU:H	7	0.76
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HA	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:H	2:B:10:GLU:N	7	0.76
(2,3)	1:A:44:ALA:H	2:B:10:GLU:O	7	0.76
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:11:GLU:C	7	0.76
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:H	2:B:11:GLU:H	7	0.76
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:H	2:B:11:GLU:N	7	0.76
(2,3)	1:A:44:ALA:H	2:B:11:GLU:O	7	0.76
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:12:TYR:C	7	0.76
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CA	7	0.76
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CB	7	0.76
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD1	7	0.76
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE1	7	0.76
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CG	7	0.76
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CZ	7	0.76
(2,3)	1:A:44:ALA:H	2:B:12:TYR:H	7	0.76
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HA	7	0.76
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB3	7	0.76
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD1	7	0.76
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE1	7	0.76
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE2	7	0.76
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HH	7	0.76
(2,3)	1:A:44:ALA:H	2:B:12:TYR:N	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:12:TYR:O	7	0.76
(2,3)	1:A:44:ALA:H	2:B:12:TYR:OH	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:C	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:H	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:N	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:O	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:C	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:H	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:N	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:O	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG3	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:C	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:H	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:N	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:O	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:C	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:C	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CA	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CB	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD1	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE1	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CG	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CZ	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:H	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HA	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB3	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD1	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE1	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE2	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HH	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:N	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:O	7	0.76
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:OH	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:C	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:H	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:N	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:O	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:C	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:H	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:N	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:O	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CG	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:C	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:CA	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:H	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:N	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:O	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:C	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CA	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CB	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD1	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE1	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE2	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CG	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CZ	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:H	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HA	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB3	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD1	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE1	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE2	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HH	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:N	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:O	7	0.76
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:OH	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:C	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:H	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:N	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:O	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:C	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:H	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:N	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:O	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG3	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:C	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:H	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:N	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:O	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:C	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CA	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CB	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD1	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE1	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CG	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CZ	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:H	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HA	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB3	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD1	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE1	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE2	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HH	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:N	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:O	7	0.76
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:OH	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:C	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:H	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:N	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:O	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE2	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:C	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:H	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:N	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:O	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CG	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:C	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:H	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:N	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:O	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:C	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:H	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG2	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:N	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:O	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:C	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CA	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CB	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD1	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE1	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CG	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CZ	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:H	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HA	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB3	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD1	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE1	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE2	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HH	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:N	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:O	7	0.76
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:OH	7	0.76
(2,3)	1:A:44:ALA:N	2:B:3:GLY:C	7	0.76
(2,3)	1:A:44:ALA:N	2:B:3:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:N	2:B:3:GLY:H	7	0.76
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:N	2:B:3:GLY:N	7	0.76
(2,3)	1:A:44:ALA:N	2:B:3:GLY:O	7	0.76
(2,3)	1:A:44:ALA:N	2:B:4:GLU:C	7	0.76
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:N	2:B:4:GLU:H	7	0.76
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB3	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:N	2:B:4:GLU:N	7	0.76
(2,3)	1:A:44:ALA:N	2:B:4:GLU:O	7	0.76
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:5:GLY:C	7	0.76
(2,3)	1:A:44:ALA:N	2:B:5:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:N	2:B:5:GLY:H	7	0.76
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:N	2:B:5:GLY:N	7	0.76
(2,3)	1:A:44:ALA:N	2:B:5:GLY:O	7	0.76
(2,3)	1:A:44:ALA:N	2:B:6:GLU:C	7	0.76
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:N	2:B:6:GLU:H	7	0.76
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:N	2:B:6:GLU:N	7	0.76
(2,3)	1:A:44:ALA:N	2:B:6:GLU:O	7	0.76
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:7:GLU:C	7	0.76
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:N	2:B:7:GLU:H	7	0.76
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:N	2:B:7:GLU:N	7	0.76
(2,3)	1:A:44:ALA:N	2:B:7:GLU:O	7	0.76
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE1	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:8:GLU:C	7	0.76
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:N	2:B:8:GLU:H	7	0.76
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:N	2:B:8:GLU:N	7	0.76
(2,3)	1:A:44:ALA:N	2:B:8:GLU:O	7	0.76
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:9:GLY:C	7	0.76
(2,3)	1:A:44:ALA:N	2:B:9:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:N	2:B:9:GLY:H	7	0.76
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:N	2:B:9:GLY:N	7	0.76
(2,3)	1:A:44:ALA:N	2:B:9:GLY:O	7	0.76
(2,3)	1:A:44:ALA:N	2:B:10:GLU:C	7	0.76
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:N	2:B:10:GLU:H	7	0.76
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:N	2:B:10:GLU:N	7	0.76
(2,3)	1:A:44:ALA:N	2:B:10:GLU:O	7	0.76
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:11:GLU:C	7	0.76
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CD	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:N	2:B:11:GLU:H	7	0.76
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:N	2:B:11:GLU:N	7	0.76
(2,3)	1:A:44:ALA:N	2:B:11:GLU:O	7	0.76
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:12:TYR:C	7	0.76
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CA	7	0.76
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CB	7	0.76
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD1	7	0.76
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE1	7	0.76
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CG	7	0.76
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CZ	7	0.76
(2,3)	1:A:44:ALA:N	2:B:12:TYR:H	7	0.76
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HA	7	0.76
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB3	7	0.76
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD1	7	0.76
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE1	7	0.76
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE2	7	0.76
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HH	7	0.76
(2,3)	1:A:44:ALA:N	2:B:12:TYR:N	7	0.76
(2,3)	1:A:44:ALA:N	2:B:12:TYR:O	7	0.76
(2,3)	1:A:44:ALA:N	2:B:12:TYR:OH	7	0.76
(2,3)	1:A:44:ALA:O	2:B:3:GLY:C	7	0.76
(2,3)	1:A:44:ALA:O	2:B:3:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:O	2:B:3:GLY:H	7	0.76
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:O	2:B:3:GLY:N	7	0.76
(2,3)	1:A:44:ALA:O	2:B:3:GLY:O	7	0.76
(2,3)	1:A:44:ALA:O	2:B:4:GLU:C	7	0.76
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CB	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:O	2:B:4:GLU:H	7	0.76
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:O	2:B:4:GLU:N	7	0.76
(2,3)	1:A:44:ALA:O	2:B:4:GLU:O	7	0.76
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:5:GLY:C	7	0.76
(2,3)	1:A:44:ALA:O	2:B:5:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:O	2:B:5:GLY:H	7	0.76
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:O	2:B:5:GLY:N	7	0.76
(2,3)	1:A:44:ALA:O	2:B:5:GLY:O	7	0.76
(2,3)	1:A:44:ALA:O	2:B:6:GLU:C	7	0.76
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:O	2:B:6:GLU:H	7	0.76
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:O	2:B:6:GLU:N	7	0.76
(2,3)	1:A:44:ALA:O	2:B:6:GLU:O	7	0.76
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:7:GLU:C	7	0.76
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:O	2:B:7:GLU:H	7	0.76
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB2	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:O	2:B:7:GLU:N	7	0.76
(2,3)	1:A:44:ALA:O	2:B:7:GLU:O	7	0.76
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:8:GLU:C	7	0.76
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:O	2:B:8:GLU:H	7	0.76
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:O	2:B:8:GLU:N	7	0.76
(2,3)	1:A:44:ALA:O	2:B:8:GLU:O	7	0.76
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:9:GLY:C	7	0.76
(2,3)	1:A:44:ALA:O	2:B:9:GLY:CA	7	0.76
(2,3)	1:A:44:ALA:O	2:B:9:GLY:H	7	0.76
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA3	7	0.76
(2,3)	1:A:44:ALA:O	2:B:9:GLY:N	7	0.76
(2,3)	1:A:44:ALA:O	2:B:9:GLY:O	7	0.76
(2,3)	1:A:44:ALA:O	2:B:10:GLU:C	7	0.76
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:O	2:B:10:GLU:H	7	0.76
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:O	2:B:10:GLU:N	7	0.76
(2,3)	1:A:44:ALA:O	2:B:10:GLU:O	7	0.76

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:11:GLU:C	7	0.76
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CA	7	0.76
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CB	7	0.76
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CD	7	0.76
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CG	7	0.76
(2,3)	1:A:44:ALA:O	2:B:11:GLU:H	7	0.76
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HA	7	0.76
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB3	7	0.76
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG3	7	0.76
(2,3)	1:A:44:ALA:O	2:B:11:GLU:N	7	0.76
(2,3)	1:A:44:ALA:O	2:B:11:GLU:O	7	0.76
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE1	7	0.76
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:12:TYR:C	7	0.76
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CA	7	0.76
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CB	7	0.76
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD1	7	0.76
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE1	7	0.76
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CG	7	0.76
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CZ	7	0.76
(2,3)	1:A:44:ALA:O	2:B:12:TYR:H	7	0.76
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HA	7	0.76
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB3	7	0.76
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD1	7	0.76
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE1	7	0.76
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE2	7	0.76
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HH	7	0.76
(2,3)	1:A:44:ALA:O	2:B:12:TYR:N	7	0.76
(2,3)	1:A:44:ALA:O	2:B:12:TYR:O	7	0.76
(2,3)	1:A:44:ALA:O	2:B:12:TYR:OH	7	0.76
(2,3)	1:A:44:ALA:C	2:B:3:GLY:C	10	0.73
(2,3)	1:A:44:ALA:C	2:B:3:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:C	2:B:3:GLY:H	10	0.73
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA2	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:C	2:B:3:GLY:N	10	0.73
(2,3)	1:A:44:ALA:C	2:B:3:GLY:O	10	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:C	10	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:H	10	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:N	10	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:O	10	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:5:GLY:C	10	0.73
(2,3)	1:A:44:ALA:C	2:B:5:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:C	2:B:5:GLY:H	10	0.73
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:C	2:B:5:GLY:N	10	0.73
(2,3)	1:A:44:ALA:C	2:B:5:GLY:O	10	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:C	10	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:H	10	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:N	10	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:O	10	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:C	10	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CA	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:H	10	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:N	10	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:O	10	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:C	10	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:H	10	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:N	10	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:O	10	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:9:GLY:C	10	0.73
(2,3)	1:A:44:ALA:C	2:B:9:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:C	2:B:9:GLY:H	10	0.73
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:C	2:B:9:GLY:N	10	0.73
(2,3)	1:A:44:ALA:C	2:B:9:GLY:O	10	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:C	10	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:H	10	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HA	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:N	10	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:O	10	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:C	10	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:H	10	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:N	10	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:O	10	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:C	10	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CA	10	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CB	10	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD1	10	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE1	10	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CG	10	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CZ	10	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:H	10	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HA	10	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB3	10	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD1	10	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE1	10	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE2	10	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HH	10	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:N	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:12:TYR:O	10	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:OH	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:C	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:H	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:N	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:O	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:C	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:H	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:N	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:O	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:C	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:H	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:N	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:O	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:C	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:H	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG3	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:N	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:O	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:C	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:H	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:N	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:O	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:C	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:H	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:N	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:O	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:C	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:H	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:N	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:O	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:C	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:H	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:N	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:O	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:C	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:H	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:N	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:O	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:C	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CA	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CB	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD1	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE1	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CG	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CZ	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:H	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HA	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB3	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD1	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE1	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE2	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HH	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:N	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:O	10	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:OH	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:C	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:H	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:N	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:O	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:C	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:H	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:N	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:O	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:C	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:H	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:N	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:O	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:C	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CG	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:H	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:N	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:O	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:C	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:H	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:N	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:O	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:C	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:H	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:N	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:O	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:C	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:CA	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:H	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:N	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:O	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:C	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:H	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:N	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:O	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:C	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:H	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:N	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:O	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:C	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CA	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CB	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD1	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE1	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE2	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CG	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CZ	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:H	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HA	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB3	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD1	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE1	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE2	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HH	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:N	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:O	10	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:OH	10	0.73
(2,3)	1:A:44:ALA:H	2:B:3:GLY:C	10	0.73
(2,3)	1:A:44:ALA:H	2:B:3:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:H	2:B:3:GLY:H	10	0.73
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:H	2:B:3:GLY:N	10	0.73
(2,3)	1:A:44:ALA:H	2:B:3:GLY:O	10	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:C	10	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:H	10	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:N	10	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:O	10	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:5:GLY:C	10	0.73
(2,3)	1:A:44:ALA:H	2:B:5:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:H	2:B:5:GLY:H	10	0.73
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:H	2:B:5:GLY:N	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:5:GLY:O	10	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:C	10	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:H	10	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:N	10	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:O	10	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:C	10	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:H	10	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:N	10	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:O	10	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:C	10	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:H	10	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG3	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:8:GLU:N	10	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:O	10	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:9:GLY:C	10	0.73
(2,3)	1:A:44:ALA:H	2:B:9:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:H	2:B:9:GLY:H	10	0.73
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:H	2:B:9:GLY:N	10	0.73
(2,3)	1:A:44:ALA:H	2:B:9:GLY:O	10	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:C	10	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:H	10	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:N	10	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:O	10	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:C	10	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:H	10	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:N	10	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:O	10	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:C	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CA	10	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CB	10	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD1	10	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE1	10	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CG	10	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CZ	10	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:H	10	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HA	10	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB3	10	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD1	10	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE1	10	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE2	10	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HH	10	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:N	10	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:O	10	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:OH	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:C	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:H	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:N	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:O	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE2	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:C	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:H	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:N	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:O	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CG	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:C	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:H	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:N	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:O	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG2	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:C	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CA	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CB	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD1	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE1	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CG	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CZ	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:H	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HA	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB3	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD1	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE1	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE2	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HH	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:N	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:O	10	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:OH	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:C	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:H	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:N	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:O	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB3	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:C	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:H	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:N	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:O	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE1	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:C	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:H	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:N	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:O	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CD	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:C	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CA	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CB	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD1	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE1	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CG	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CZ	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:H	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HA	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB3	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD1	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE1	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE2	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HH	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:N	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:O	10	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:OH	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:C	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:H	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:N	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:O	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CB	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:C	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:H	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:N	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:O	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB2	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:C	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:H	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:N	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:O	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:O	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:C	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CA	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CB	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD1	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE1	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CG	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CZ	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:H	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HA	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB3	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD1	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE1	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE2	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HH	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:N	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:O	10	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:OH	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:C	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:H	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA2	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:N	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:O	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:C	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:H	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:N	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:O	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CA	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:C	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:H	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:N	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:O	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HA	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:C	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:H	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:N	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:O	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:C	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CA	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CB	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD1	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE1	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CG	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CZ	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:H	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HA	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB3	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD1	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE1	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE2	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HH	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:N	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:O	10	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:OH	10	0.73
(2,3)	1:A:44:ALA:N	2:B:3:GLY:C	10	0.73
(2,3)	1:A:44:ALA:N	2:B:3:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:N	2:B:3:GLY:H	10	0.73
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:N	2:B:3:GLY:N	10	0.73
(2,3)	1:A:44:ALA:N	2:B:3:GLY:O	10	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:C	10	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:H	10	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:N	10	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:O	10	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:5:GLY:C	10	0.73
(2,3)	1:A:44:ALA:N	2:B:5:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:N	2:B:5:GLY:H	10	0.73
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:N	2:B:5:GLY:N	10	0.73
(2,3)	1:A:44:ALA:N	2:B:5:GLY:O	10	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:C	10	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:H	10	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG3	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:6:GLU:N	10	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:O	10	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:C	10	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:H	10	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:N	10	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:O	10	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:C	10	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:H	10	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:N	10	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:O	10	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:9:GLY:C	10	0.73
(2,3)	1:A:44:ALA:N	2:B:9:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:N	2:B:9:GLY:H	10	0.73
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:N	2:B:9:GLY:N	10	0.73
(2,3)	1:A:44:ALA:N	2:B:9:GLY:O	10	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:C	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:H	10	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:N	10	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:O	10	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:C	10	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:H	10	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:N	10	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:O	10	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:C	10	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CA	10	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CB	10	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD1	10	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE1	10	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CG	10	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CZ	10	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:H	10	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HA	10	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB3	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD1	10	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE1	10	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE2	10	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HH	10	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:N	10	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:O	10	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:OH	10	0.73
(2,3)	1:A:44:ALA:O	2:B:3:GLY:C	10	0.73
(2,3)	1:A:44:ALA:O	2:B:3:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:O	2:B:3:GLY:H	10	0.73
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:O	2:B:3:GLY:N	10	0.73
(2,3)	1:A:44:ALA:O	2:B:3:GLY:O	10	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:C	10	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:H	10	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:N	10	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:O	10	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:5:GLY:C	10	0.73
(2,3)	1:A:44:ALA:O	2:B:5:GLY:CA	10	0.73
(2,3)	1:A:44:ALA:O	2:B:5:GLY:H	10	0.73
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:O	2:B:5:GLY:N	10	0.73
(2,3)	1:A:44:ALA:O	2:B:5:GLY:O	10	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:C	10	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CG	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:6:GLU:H	10	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:N	10	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:O	10	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:C	10	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:H	10	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:N	10	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:O	10	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:C	10	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:H	10	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:N	10	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:O	10	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:9:GLY:C	10	0.73
(2,3)	1:A:44:ALA:O	2:B:9:GLY:CA	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:9:GLY:H	10	0.73
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA3	10	0.73
(2,3)	1:A:44:ALA:O	2:B:9:GLY:N	10	0.73
(2,3)	1:A:44:ALA:O	2:B:9:GLY:O	10	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:C	10	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:H	10	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:N	10	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:O	10	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:C	10	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CA	10	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CB	10	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CD	10	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CG	10	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:H	10	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HA	10	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB3	10	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG3	10	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:N	10	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:O	10	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE1	10	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:C	10	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CA	10	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CB	10	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD1	10	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE1	10	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE2	10	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CG	10	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CZ	10	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:H	10	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HA	10	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB3	10	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD1	10	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE1	10	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE2	10	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HH	10	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:N	10	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:O	10	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:OH	10	0.73
(2,3)	1:A:44:ALA:C	2:B:3:GLY:C	12	0.73
(2,3)	1:A:44:ALA:C	2:B:3:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:C	2:B:3:GLY:H	12	0.73
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:C	2:B:3:GLY:N	12	0.73
(2,3)	1:A:44:ALA:C	2:B:3:GLY:O	12	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:C	12	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:H	12	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:N	12	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:O	12	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:5:GLY:C	12	0.73
(2,3)	1:A:44:ALA:C	2:B:5:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:C	2:B:5:GLY:H	12	0.73
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:C	2:B:5:GLY:N	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:5:GLY:O	12	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:C	12	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:H	12	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:N	12	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:O	12	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:C	12	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:H	12	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:N	12	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:O	12	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:C	12	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:H	12	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG3	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:8:GLU:N	12	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:O	12	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:9:GLY:C	12	0.73
(2,3)	1:A:44:ALA:C	2:B:9:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:C	2:B:9:GLY:H	12	0.73
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:C	2:B:9:GLY:N	12	0.73
(2,3)	1:A:44:ALA:C	2:B:9:GLY:O	12	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:C	12	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:H	12	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:N	12	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:O	12	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:C	12	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:H	12	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:N	12	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:O	12	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:C	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CA	12	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CB	12	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD1	12	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE1	12	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CG	12	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CZ	12	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:H	12	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HA	12	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB3	12	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD1	12	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE1	12	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE2	12	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HH	12	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:N	12	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:O	12	0.73
(2,3)	1:A:44:ALA:C	2:B:12:TYR:OH	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:C	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:H	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:N	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:O	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:C	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:H	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:N	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:O	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE2	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:C	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:H	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:N	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:O	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:C	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:H	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:N	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:O	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:C	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:H	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:N	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:O	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:C	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CG	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:H	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:N	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:O	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:C	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:H	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:N	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:O	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:C	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:H	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:N	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:O	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:C	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:H	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG2	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:N	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:O	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:C	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CA	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CB	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD1	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE1	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CG	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CZ	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:H	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HA	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB3	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD1	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE1	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE2	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HH	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:N	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:O	12	0.73
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:OH	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:C	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:H	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:N	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:O	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:C	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:H	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB3	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:N	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:O	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:C	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:H	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:N	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:O	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:C	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:H	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:N	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:O	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:C	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:H	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:N	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:O	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE1	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:C	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:H	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:N	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:O	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:C	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:H	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:N	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:O	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:C	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:H	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:N	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:O	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:C	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CD	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:H	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:N	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:O	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:C	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CA	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CB	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD1	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE1	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CG	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CZ	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:H	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HA	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB3	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD1	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE1	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE2	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HH	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:N	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:O	12	0.73
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:OH	12	0.73
(2,3)	1:A:44:ALA:H	2:B:3:GLY:C	12	0.73
(2,3)	1:A:44:ALA:H	2:B:3:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:H	2:B:3:GLY:H	12	0.73
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:H	2:B:3:GLY:N	12	0.73
(2,3)	1:A:44:ALA:H	2:B:3:GLY:O	12	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:C	12	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CB	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:H	12	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:N	12	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:O	12	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:5:GLY:C	12	0.73
(2,3)	1:A:44:ALA:H	2:B:5:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:H	2:B:5:GLY:H	12	0.73
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:H	2:B:5:GLY:N	12	0.73
(2,3)	1:A:44:ALA:H	2:B:5:GLY:O	12	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:C	12	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:H	12	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:N	12	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:O	12	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:C	12	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:H	12	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB2	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:N	12	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:O	12	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:C	12	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:H	12	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:N	12	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:O	12	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:9:GLY:C	12	0.73
(2,3)	1:A:44:ALA:H	2:B:9:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:H	2:B:9:GLY:H	12	0.73
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:H	2:B:9:GLY:N	12	0.73
(2,3)	1:A:44:ALA:H	2:B:9:GLY:O	12	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:C	12	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:H	12	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:N	12	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:O	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:C	12	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:H	12	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:N	12	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:O	12	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:C	12	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CA	12	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CB	12	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD1	12	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE1	12	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CG	12	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CZ	12	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:H	12	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HA	12	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB3	12	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD1	12	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE1	12	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE2	12	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HH	12	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:N	12	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:O	12	0.73
(2,3)	1:A:44:ALA:H	2:B:12:TYR:OH	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:C	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:H	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA2	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:N	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:O	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:C	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:H	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:N	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:O	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CA	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:C	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:H	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:N	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:O	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HA	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:C	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CA	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CB	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD1	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE1	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CG	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CZ	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:H	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HA	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB3	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD1	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE1	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE2	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HH	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:N	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:O	12	0.73
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:OH	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:C	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:H	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:N	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:O	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:C	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:H	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:N	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:O	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG3	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:C	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:H	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:N	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:O	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:C	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:C	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CA	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CB	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD1	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE1	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CG	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CZ	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:H	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HA	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB3	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD1	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE1	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE2	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HH	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:N	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:O	12	0.73
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:OH	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:C	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:H	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:N	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:O	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:C	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:H	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:N	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:O	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CG	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:C	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:CA	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:H	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:N	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:O	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:C	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CA	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CB	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD1	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE1	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE2	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CG	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CZ	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:H	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HA	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB3	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD1	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE1	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE2	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HH	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:N	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:O	12	0.73
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:OH	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:C	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:H	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:N	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:O	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:C	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:H	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:N	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:O	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG3	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:C	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:H	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:N	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:O	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:C	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:H	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:N	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:O	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:C	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CA	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CB	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD1	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE1	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CG	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CZ	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:H	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HA	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB3	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD1	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE1	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE2	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HH	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:N	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:O	12	0.73
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:OH	12	0.73
(2,3)	1:A:44:ALA:N	2:B:3:GLY:C	12	0.73
(2,3)	1:A:44:ALA:N	2:B:3:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:N	2:B:3:GLY:H	12	0.73
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:N	2:B:3:GLY:N	12	0.73
(2,3)	1:A:44:ALA:N	2:B:3:GLY:O	12	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:C	12	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:H	12	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:N	12	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:O	12	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE2	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:5:GLY:C	12	0.73
(2,3)	1:A:44:ALA:N	2:B:5:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:N	2:B:5:GLY:H	12	0.73
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:N	2:B:5:GLY:N	12	0.73
(2,3)	1:A:44:ALA:N	2:B:5:GLY:O	12	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:C	12	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:H	12	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:N	12	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:O	12	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:C	12	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:H	12	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:N	12	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:O	12	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:C	12	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CG	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:8:GLU:H	12	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:N	12	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:O	12	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:9:GLY:C	12	0.73
(2,3)	1:A:44:ALA:N	2:B:9:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:N	2:B:9:GLY:H	12	0.73
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:N	2:B:9:GLY:N	12	0.73
(2,3)	1:A:44:ALA:N	2:B:9:GLY:O	12	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:C	12	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:H	12	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:N	12	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:O	12	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:C	12	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:H	12	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG2	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:N	12	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:O	12	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:C	12	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CA	12	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CB	12	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD1	12	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE1	12	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CG	12	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CZ	12	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:H	12	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HA	12	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB3	12	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD1	12	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE1	12	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE2	12	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HH	12	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:N	12	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:O	12	0.73
(2,3)	1:A:44:ALA:N	2:B:12:TYR:OH	12	0.73
(2,3)	1:A:44:ALA:O	2:B:3:GLY:C	12	0.73
(2,3)	1:A:44:ALA:O	2:B:3:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:O	2:B:3:GLY:H	12	0.73
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:O	2:B:3:GLY:N	12	0.73
(2,3)	1:A:44:ALA:O	2:B:3:GLY:O	12	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:C	12	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:H	12	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB3	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:N	12	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:O	12	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:5:GLY:C	12	0.73
(2,3)	1:A:44:ALA:O	2:B:5:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:O	2:B:5:GLY:H	12	0.73
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:O	2:B:5:GLY:N	12	0.73
(2,3)	1:A:44:ALA:O	2:B:5:GLY:O	12	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:C	12	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:H	12	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:N	12	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:O	12	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:C	12	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:H	12	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:N	12	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:O	12	0.73
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE1	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:C	12	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:H	12	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:N	12	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:O	12	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:9:GLY:C	12	0.73
(2,3)	1:A:44:ALA:O	2:B:9:GLY:CA	12	0.73
(2,3)	1:A:44:ALA:O	2:B:9:GLY:H	12	0.73
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA3	12	0.73
(2,3)	1:A:44:ALA:O	2:B:9:GLY:N	12	0.73
(2,3)	1:A:44:ALA:O	2:B:9:GLY:O	12	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:C	12	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CD	12	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:H	12	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:N	12	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:O	12	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:C	12	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CA	12	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CB	12	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CD	12	0.73

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CG	12	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:H	12	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HA	12	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB3	12	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG3	12	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:N	12	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:O	12	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE1	12	0.73
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:C	12	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CA	12	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CB	12	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD1	12	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE1	12	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CG	12	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CZ	12	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:H	12	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HA	12	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB3	12	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD1	12	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE1	12	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE2	12	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HH	12	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:N	12	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:O	12	0.73
(2,3)	1:A:44:ALA:O	2:B:12:TYR:OH	12	0.73
(2,3)	1:A:44:ALA:C	2:B:3:GLY:C	13	0.69
(2,3)	1:A:44:ALA:C	2:B:3:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:C	2:B:3:GLY:H	13	0.69
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:C	2:B:3:GLY:N	13	0.69
(2,3)	1:A:44:ALA:C	2:B:3:GLY:O	13	0.69
(2,3)	1:A:44:ALA:C	2:B:4:GLU:C	13	0.69
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CB	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:C	2:B:4:GLU:H	13	0.69
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:C	2:B:4:GLU:N	13	0.69
(2,3)	1:A:44:ALA:C	2:B:4:GLU:O	13	0.69
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:5:GLY:C	13	0.69
(2,3)	1:A:44:ALA:C	2:B:5:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:C	2:B:5:GLY:H	13	0.69
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:C	2:B:5:GLY:N	13	0.69
(2,3)	1:A:44:ALA:C	2:B:5:GLY:O	13	0.69
(2,3)	1:A:44:ALA:C	2:B:6:GLU:C	13	0.69
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:C	2:B:6:GLU:H	13	0.69
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:C	2:B:6:GLU:N	13	0.69
(2,3)	1:A:44:ALA:C	2:B:6:GLU:O	13	0.69
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:7:GLU:C	13	0.69
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:C	2:B:7:GLU:H	13	0.69
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB2	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:C	2:B:7:GLU:N	13	0.69
(2,3)	1:A:44:ALA:C	2:B:7:GLU:O	13	0.69
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:8:GLU:C	13	0.69
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:C	2:B:8:GLU:H	13	0.69
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:C	2:B:8:GLU:N	13	0.69
(2,3)	1:A:44:ALA:C	2:B:8:GLU:O	13	0.69
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:9:GLY:C	13	0.69
(2,3)	1:A:44:ALA:C	2:B:9:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:C	2:B:9:GLY:H	13	0.69
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:C	2:B:9:GLY:N	13	0.69
(2,3)	1:A:44:ALA:C	2:B:9:GLY:O	13	0.69
(2,3)	1:A:44:ALA:C	2:B:10:GLU:C	13	0.69
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:C	2:B:10:GLU:H	13	0.69
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:C	2:B:10:GLU:N	13	0.69
(2,3)	1:A:44:ALA:C	2:B:10:GLU:O	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:11:GLU:C	13	0.69
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:C	2:B:11:GLU:H	13	0.69
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:C	2:B:11:GLU:N	13	0.69
(2,3)	1:A:44:ALA:C	2:B:11:GLU:O	13	0.69
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:12:TYR:C	13	0.69
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CA	13	0.69
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CB	13	0.69
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD1	13	0.69
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE1	13	0.69
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CG	13	0.69
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CZ	13	0.69
(2,3)	1:A:44:ALA:C	2:B:12:TYR:H	13	0.69
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HA	13	0.69
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB3	13	0.69
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD1	13	0.69
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE1	13	0.69
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE2	13	0.69
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HH	13	0.69
(2,3)	1:A:44:ALA:C	2:B:12:TYR:N	13	0.69
(2,3)	1:A:44:ALA:C	2:B:12:TYR:O	13	0.69
(2,3)	1:A:44:ALA:C	2:B:12:TYR:OH	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:C	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:H	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA2	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:N	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:O	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:C	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:H	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:N	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:O	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:C	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:H	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:N	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:O	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:C	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:H	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:N	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:O	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:C	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CA	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:H	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:N	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:O	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:C	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:H	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:N	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:O	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:C	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:H	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:N	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:O	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:C	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:H	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HA	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:N	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:O	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:C	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:H	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:N	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:O	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:C	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CA	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CB	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD1	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE1	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CG	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CZ	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:H	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HA	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB3	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD1	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE1	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE2	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HH	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:N	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:O	13	0.69
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:OH	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:C	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:H	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:N	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:O	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:C	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:H	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:N	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:O	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:C	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:H	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:N	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:O	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:C	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:H	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG3	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:N	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:O	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:C	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:H	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:N	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:O	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:C	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:H	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:N	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:O	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:C	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:H	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:N	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:O	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:C	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:H	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:N	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:O	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:C	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:H	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:N	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:O	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:C	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CA	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CB	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD1	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE1	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CG	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CZ	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:H	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HA	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB3	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD1	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE1	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE2	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HH	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:N	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:O	13	0.69
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:OH	13	0.69
(2,3)	1:A:44:ALA:H	2:B:3:GLY:C	13	0.69
(2,3)	1:A:44:ALA:H	2:B:3:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:H	2:B:3:GLY:H	13	0.69
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:H	2:B:3:GLY:N	13	0.69
(2,3)	1:A:44:ALA:H	2:B:3:GLY:O	13	0.69
(2,3)	1:A:44:ALA:H	2:B:4:GLU:C	13	0.69
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:H	2:B:4:GLU:H	13	0.69
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:H	2:B:4:GLU:N	13	0.69
(2,3)	1:A:44:ALA:H	2:B:4:GLU:O	13	0.69
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:5:GLY:C	13	0.69
(2,3)	1:A:44:ALA:H	2:B:5:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:H	2:B:5:GLY:H	13	0.69
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:H	2:B:5:GLY:N	13	0.69
(2,3)	1:A:44:ALA:H	2:B:5:GLY:O	13	0.69
(2,3)	1:A:44:ALA:H	2:B:6:GLU:C	13	0.69
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CG	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:6:GLU:H	13	0.69
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:H	2:B:6:GLU:N	13	0.69
(2,3)	1:A:44:ALA:H	2:B:6:GLU:O	13	0.69
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:7:GLU:C	13	0.69
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:H	2:B:7:GLU:H	13	0.69
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:H	2:B:7:GLU:N	13	0.69
(2,3)	1:A:44:ALA:H	2:B:7:GLU:O	13	0.69
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:8:GLU:C	13	0.69
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:H	2:B:8:GLU:H	13	0.69
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:H	2:B:8:GLU:N	13	0.69
(2,3)	1:A:44:ALA:H	2:B:8:GLU:O	13	0.69
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:9:GLY:C	13	0.69
(2,3)	1:A:44:ALA:H	2:B:9:GLY:CA	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:9:GLY:H	13	0.69
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:H	2:B:9:GLY:N	13	0.69
(2,3)	1:A:44:ALA:H	2:B:9:GLY:O	13	0.69
(2,3)	1:A:44:ALA:H	2:B:10:GLU:C	13	0.69
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:H	2:B:10:GLU:H	13	0.69
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:H	2:B:10:GLU:N	13	0.69
(2,3)	1:A:44:ALA:H	2:B:10:GLU:O	13	0.69
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:11:GLU:C	13	0.69
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:H	2:B:11:GLU:H	13	0.69
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:H	2:B:11:GLU:N	13	0.69
(2,3)	1:A:44:ALA:H	2:B:11:GLU:O	13	0.69
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:12:TYR:C	13	0.69
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CA	13	0.69
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CB	13	0.69
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD1	13	0.69
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE1	13	0.69
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE2	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CG	13	0.69
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CZ	13	0.69
(2,3)	1:A:44:ALA:H	2:B:12:TYR:H	13	0.69
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HA	13	0.69
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB3	13	0.69
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD1	13	0.69
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE1	13	0.69
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE2	13	0.69
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HH	13	0.69
(2,3)	1:A:44:ALA:H	2:B:12:TYR:N	13	0.69
(2,3)	1:A:44:ALA:H	2:B:12:TYR:O	13	0.69
(2,3)	1:A:44:ALA:H	2:B:12:TYR:OH	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:C	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:H	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:N	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:O	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:C	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:H	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:N	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:O	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG3	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:C	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:H	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:N	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:O	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:C	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CA	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CB	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD1	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE1	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CG	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CZ	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:H	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HA	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB3	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD1	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE1	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE2	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HH	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:N	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:O	13	0.69
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:OH	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:C	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:H	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:N	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:O	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE2	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:C	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:H	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:N	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:O	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CG	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:C	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:H	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:N	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:O	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG2	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:C	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CA	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CB	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD1	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE1	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CG	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CZ	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:H	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HA	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB3	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD1	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE1	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE2	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HH	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:N	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:O	13	0.69
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:OH	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:C	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:H	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:N	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:O	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB3	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:C	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:H	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:N	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:O	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE1	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:C	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:H	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:N	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:O	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CD	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:C	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CA	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CB	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD1	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE1	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CG	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CZ	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:H	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HA	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB3	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD1	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE1	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE2	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HH	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:N	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:O	13	0.69
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:OH	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:C	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:H	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:N	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:O	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CB	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:C	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:H	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:N	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:O	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB2	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:C	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:H	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:N	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:O	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:O	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:C	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:H	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:N	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:O	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:C	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CA	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CB	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD1	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE1	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CG	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CZ	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:H	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HA	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB3	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD1	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE1	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE2	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HH	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:N	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:O	13	0.69
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:OH	13	0.69
(2,3)	1:A:44:ALA:N	2:B:3:GLY:C	13	0.69
(2,3)	1:A:44:ALA:N	2:B:3:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:N	2:B:3:GLY:H	13	0.69
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA2	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:N	2:B:3:GLY:N	13	0.69
(2,3)	1:A:44:ALA:N	2:B:3:GLY:O	13	0.69
(2,3)	1:A:44:ALA:N	2:B:4:GLU:C	13	0.69
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:N	2:B:4:GLU:H	13	0.69
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:N	2:B:4:GLU:N	13	0.69
(2,3)	1:A:44:ALA:N	2:B:4:GLU:O	13	0.69
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:5:GLY:C	13	0.69
(2,3)	1:A:44:ALA:N	2:B:5:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:N	2:B:5:GLY:H	13	0.69
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:N	2:B:5:GLY:N	13	0.69
(2,3)	1:A:44:ALA:N	2:B:5:GLY:O	13	0.69
(2,3)	1:A:44:ALA:N	2:B:6:GLU:C	13	0.69
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:N	2:B:6:GLU:H	13	0.69
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:N	2:B:6:GLU:N	13	0.69
(2,3)	1:A:44:ALA:N	2:B:6:GLU:O	13	0.69
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:7:GLU:C	13	0.69
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CA	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:N	2:B:7:GLU:H	13	0.69
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:N	2:B:7:GLU:N	13	0.69
(2,3)	1:A:44:ALA:N	2:B:7:GLU:O	13	0.69
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:8:GLU:C	13	0.69
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:N	2:B:8:GLU:H	13	0.69
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:N	2:B:8:GLU:N	13	0.69
(2,3)	1:A:44:ALA:N	2:B:8:GLU:O	13	0.69
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:9:GLY:C	13	0.69
(2,3)	1:A:44:ALA:N	2:B:9:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:N	2:B:9:GLY:H	13	0.69
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:N	2:B:9:GLY:N	13	0.69
(2,3)	1:A:44:ALA:N	2:B:9:GLY:O	13	0.69
(2,3)	1:A:44:ALA:N	2:B:10:GLU:C	13	0.69
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:N	2:B:10:GLU:H	13	0.69
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HA	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:N	2:B:10:GLU:N	13	0.69
(2,3)	1:A:44:ALA:N	2:B:10:GLU:O	13	0.69
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:11:GLU:C	13	0.69
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:N	2:B:11:GLU:H	13	0.69
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:N	2:B:11:GLU:N	13	0.69
(2,3)	1:A:44:ALA:N	2:B:11:GLU:O	13	0.69
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:12:TYR:C	13	0.69
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CA	13	0.69
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CB	13	0.69
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD1	13	0.69
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE1	13	0.69
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CG	13	0.69
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CZ	13	0.69
(2,3)	1:A:44:ALA:N	2:B:12:TYR:H	13	0.69
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HA	13	0.69
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB3	13	0.69
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD1	13	0.69
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE1	13	0.69
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE2	13	0.69
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HH	13	0.69
(2,3)	1:A:44:ALA:N	2:B:12:TYR:N	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:12:TYR:O	13	0.69
(2,3)	1:A:44:ALA:N	2:B:12:TYR:OH	13	0.69
(2,3)	1:A:44:ALA:O	2:B:3:GLY:C	13	0.69
(2,3)	1:A:44:ALA:O	2:B:3:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:O	2:B:3:GLY:H	13	0.69
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:O	2:B:3:GLY:N	13	0.69
(2,3)	1:A:44:ALA:O	2:B:3:GLY:O	13	0.69
(2,3)	1:A:44:ALA:O	2:B:4:GLU:C	13	0.69
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:O	2:B:4:GLU:H	13	0.69
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:O	2:B:4:GLU:N	13	0.69
(2,3)	1:A:44:ALA:O	2:B:4:GLU:O	13	0.69
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:5:GLY:C	13	0.69
(2,3)	1:A:44:ALA:O	2:B:5:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:O	2:B:5:GLY:H	13	0.69
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:O	2:B:5:GLY:N	13	0.69
(2,3)	1:A:44:ALA:O	2:B:5:GLY:O	13	0.69
(2,3)	1:A:44:ALA:O	2:B:6:GLU:C	13	0.69
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:O	2:B:6:GLU:H	13	0.69
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG3	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:6:GLU:N	13	0.69
(2,3)	1:A:44:ALA:O	2:B:6:GLU:O	13	0.69
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:7:GLU:C	13	0.69
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:O	2:B:7:GLU:H	13	0.69
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:O	2:B:7:GLU:N	13	0.69
(2,3)	1:A:44:ALA:O	2:B:7:GLU:O	13	0.69
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:8:GLU:C	13	0.69
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:O	2:B:8:GLU:H	13	0.69
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:O	2:B:8:GLU:N	13	0.69
(2,3)	1:A:44:ALA:O	2:B:8:GLU:O	13	0.69
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:9:GLY:C	13	0.69
(2,3)	1:A:44:ALA:O	2:B:9:GLY:CA	13	0.69
(2,3)	1:A:44:ALA:O	2:B:9:GLY:H	13	0.69
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA3	13	0.69
(2,3)	1:A:44:ALA:O	2:B:9:GLY:N	13	0.69
(2,3)	1:A:44:ALA:O	2:B:9:GLY:O	13	0.69
(2,3)	1:A:44:ALA:O	2:B:10:GLU:C	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:O	2:B:10:GLU:H	13	0.69
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:O	2:B:10:GLU:N	13	0.69
(2,3)	1:A:44:ALA:O	2:B:10:GLU:O	13	0.69
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:11:GLU:C	13	0.69
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CA	13	0.69
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CB	13	0.69
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CD	13	0.69
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CG	13	0.69
(2,3)	1:A:44:ALA:O	2:B:11:GLU:H	13	0.69
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HA	13	0.69
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB3	13	0.69
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG3	13	0.69
(2,3)	1:A:44:ALA:O	2:B:11:GLU:N	13	0.69
(2,3)	1:A:44:ALA:O	2:B:11:GLU:O	13	0.69
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE1	13	0.69
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:12:TYR:C	13	0.69
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CA	13	0.69
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CB	13	0.69
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD1	13	0.69
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE1	13	0.69
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CG	13	0.69
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CZ	13	0.69
(2,3)	1:A:44:ALA:O	2:B:12:TYR:H	13	0.69
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HA	13	0.69
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB3	13	0.69

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD1	13	0.69
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE1	13	0.69
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE2	13	0.69
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HH	13	0.69
(2,3)	1:A:44:ALA:O	2:B:12:TYR:N	13	0.69
(2,3)	1:A:44:ALA:O	2:B:12:TYR:O	13	0.69
(2,3)	1:A:44:ALA:O	2:B:12:TYR:OH	13	0.69
(2,3)	1:A:44:ALA:C	2:B:3:GLY:C	5	0.63
(2,3)	1:A:44:ALA:C	2:B:3:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:C	2:B:3:GLY:H	5	0.63
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:C	2:B:3:GLY:N	5	0.63
(2,3)	1:A:44:ALA:C	2:B:3:GLY:O	5	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:C	5	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:H	5	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:N	5	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:O	5	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:5:GLY:C	5	0.63
(2,3)	1:A:44:ALA:C	2:B:5:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:C	2:B:5:GLY:H	5	0.63
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:C	2:B:5:GLY:N	5	0.63
(2,3)	1:A:44:ALA:C	2:B:5:GLY:O	5	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:C	5	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CG	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:6:GLU:H	5	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:N	5	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:O	5	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:C	5	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:H	5	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:N	5	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:O	5	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:C	5	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:H	5	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:N	5	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:O	5	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:9:GLY:C	5	0.63
(2,3)	1:A:44:ALA:C	2:B:9:GLY:CA	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:9:GLY:H	5	0.63
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:C	2:B:9:GLY:N	5	0.63
(2,3)	1:A:44:ALA:C	2:B:9:GLY:O	5	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:C	5	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:H	5	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:N	5	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:O	5	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:C	5	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:H	5	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:N	5	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:O	5	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:C	5	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CA	5	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CB	5	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD1	5	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE1	5	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE2	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CG	5	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CZ	5	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:H	5	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HA	5	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB3	5	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD1	5	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE1	5	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE2	5	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HH	5	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:N	5	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:O	5	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:OH	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:C	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:H	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:N	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:O	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:C	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:H	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:N	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:O	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:C	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:H	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:N	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:O	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:C	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:H	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:N	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:O	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:C	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:H	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:N	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:O	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:C	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:H	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG3	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:N	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:O	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:C	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:H	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:N	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:O	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:C	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:H	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:N	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:O	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:C	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:H	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:N	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:O	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:C	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CA	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CB	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD1	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE1	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CG	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CZ	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:H	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HA	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB3	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD1	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE1	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE2	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HH	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:N	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:O	5	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:OH	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:C	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:H	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:N	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:O	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:C	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:H	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:N	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:O	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE2	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:C	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:H	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:N	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:O	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:C	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:H	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:N	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:O	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:C	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:H	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:N	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:O	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:C	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CG	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:H	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:N	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:O	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:C	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:H	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:N	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:O	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:C	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:H	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:N	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:O	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:C	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:H	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG2	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:N	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:O	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:C	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CA	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CB	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD1	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE1	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CG	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CZ	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:H	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HA	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB3	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD1	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE1	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE2	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HH	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:N	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:O	5	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:OH	5	0.63
(2,3)	1:A:44:ALA:H	2:B:3:GLY:C	5	0.63
(2,3)	1:A:44:ALA:H	2:B:3:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:H	2:B:3:GLY:H	5	0.63
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:H	2:B:3:GLY:N	5	0.63
(2,3)	1:A:44:ALA:H	2:B:3:GLY:O	5	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:C	5	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:H	5	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB3	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:N	5	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:O	5	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:5:GLY:C	5	0.63
(2,3)	1:A:44:ALA:H	2:B:5:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:H	2:B:5:GLY:H	5	0.63
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:H	2:B:5:GLY:N	5	0.63
(2,3)	1:A:44:ALA:H	2:B:5:GLY:O	5	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:C	5	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:H	5	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:N	5	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:O	5	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:C	5	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:H	5	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:N	5	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:O	5	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE1	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:C	5	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:H	5	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:N	5	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:O	5	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:9:GLY:C	5	0.63
(2,3)	1:A:44:ALA:H	2:B:9:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:H	2:B:9:GLY:H	5	0.63
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:H	2:B:9:GLY:N	5	0.63
(2,3)	1:A:44:ALA:H	2:B:9:GLY:O	5	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:C	5	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:H	5	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:N	5	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:O	5	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:C	5	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CD	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:H	5	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:N	5	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:O	5	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:C	5	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CA	5	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CB	5	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD1	5	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE1	5	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CG	5	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CZ	5	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:H	5	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HA	5	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB3	5	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD1	5	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE1	5	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE2	5	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HH	5	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:N	5	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:O	5	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:OH	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:C	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:H	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:N	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:O	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CB	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:C	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:H	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:N	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:O	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB2	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:C	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:H	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:N	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:O	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:O	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:C	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CA	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CB	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD1	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE1	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CG	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CZ	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:H	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HA	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB3	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD1	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE1	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE2	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HH	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:N	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:O	5	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:OH	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:C	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:H	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA2	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:N	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:O	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:C	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:H	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:N	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:O	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CA	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:C	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:H	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:N	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:O	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HA	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:C	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CA	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CB	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD1	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE1	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CG	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CZ	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:H	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HA	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB3	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD1	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE1	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE2	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HH	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:N	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:O	5	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:OH	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:C	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:H	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:N	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:O	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:C	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:H	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:N	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:O	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG3	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:C	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:H	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:N	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:O	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:C	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:C	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CA	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CB	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD1	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE1	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CG	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CZ	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:H	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HA	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB3	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD1	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE1	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE2	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HH	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:N	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:O	5	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:OH	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:C	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:H	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:N	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:O	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:C	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:H	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:N	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:O	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CG	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:C	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:CA	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:H	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:N	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:O	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:C	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:H	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:N	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:O	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:C	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CA	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CB	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD1	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE1	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE2	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CG	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CZ	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:H	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HA	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB3	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD1	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE1	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE2	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HH	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:N	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:O	5	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:OH	5	0.63
(2,3)	1:A:44:ALA:N	2:B:3:GLY:C	5	0.63
(2,3)	1:A:44:ALA:N	2:B:3:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:N	2:B:3:GLY:H	5	0.63
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:N	2:B:3:GLY:N	5	0.63
(2,3)	1:A:44:ALA:N	2:B:3:GLY:O	5	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:C	5	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:H	5	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:N	5	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:O	5	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:5:GLY:C	5	0.63
(2,3)	1:A:44:ALA:N	2:B:5:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:N	2:B:5:GLY:H	5	0.63
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:N	2:B:5:GLY:N	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:5:GLY:O	5	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:C	5	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:H	5	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:N	5	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:O	5	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:C	5	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:H	5	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:N	5	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:O	5	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:C	5	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:H	5	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG3	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:8:GLU:N	5	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:O	5	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:9:GLY:C	5	0.63
(2,3)	1:A:44:ALA:N	2:B:9:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:N	2:B:9:GLY:H	5	0.63
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:N	2:B:9:GLY:N	5	0.63
(2,3)	1:A:44:ALA:N	2:B:9:GLY:O	5	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:C	5	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:H	5	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:N	5	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:O	5	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:C	5	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:H	5	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:N	5	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:O	5	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:C	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CA	5	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CB	5	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD1	5	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE1	5	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CG	5	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CZ	5	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:H	5	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HA	5	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB3	5	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD1	5	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE1	5	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE2	5	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HH	5	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:N	5	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:O	5	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:OH	5	0.63
(2,3)	1:A:44:ALA:O	2:B:3:GLY:C	5	0.63
(2,3)	1:A:44:ALA:O	2:B:3:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:O	2:B:3:GLY:H	5	0.63
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:O	2:B:3:GLY:N	5	0.63
(2,3)	1:A:44:ALA:O	2:B:3:GLY:O	5	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:C	5	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:H	5	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:N	5	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:O	5	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE2	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:5:GLY:C	5	0.63
(2,3)	1:A:44:ALA:O	2:B:5:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:O	2:B:5:GLY:H	5	0.63
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:O	2:B:5:GLY:N	5	0.63
(2,3)	1:A:44:ALA:O	2:B:5:GLY:O	5	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:C	5	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:H	5	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:N	5	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:O	5	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:C	5	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:H	5	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:N	5	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:O	5	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:C	5	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CG	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:8:GLU:H	5	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:N	5	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:O	5	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:9:GLY:C	5	0.63
(2,3)	1:A:44:ALA:O	2:B:9:GLY:CA	5	0.63
(2,3)	1:A:44:ALA:O	2:B:9:GLY:H	5	0.63
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA3	5	0.63
(2,3)	1:A:44:ALA:O	2:B:9:GLY:N	5	0.63
(2,3)	1:A:44:ALA:O	2:B:9:GLY:O	5	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:C	5	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:H	5	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:N	5	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:O	5	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:C	5	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CA	5	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CB	5	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CD	5	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CG	5	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:H	5	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HA	5	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB3	5	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG2	5	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG3	5	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:N	5	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:O	5	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE1	5	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:C	5	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CA	5	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CB	5	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD1	5	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE1	5	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CG	5	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CZ	5	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:H	5	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HA	5	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB3	5	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD1	5	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE1	5	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE2	5	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HH	5	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:N	5	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:O	5	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:OH	5	0.63
(2,3)	1:A:44:ALA:C	2:B:3:GLY:C	8	0.63
(2,3)	1:A:44:ALA:C	2:B:3:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:C	2:B:3:GLY:H	8	0.63
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:C	2:B:3:GLY:N	8	0.63
(2,3)	1:A:44:ALA:C	2:B:3:GLY:O	8	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:C	8	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:H	8	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB3	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:N	8	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:O	8	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:5:GLY:C	8	0.63
(2,3)	1:A:44:ALA:C	2:B:5:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:C	2:B:5:GLY:H	8	0.63
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:C	2:B:5:GLY:N	8	0.63
(2,3)	1:A:44:ALA:C	2:B:5:GLY:O	8	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:C	8	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:H	8	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:N	8	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:O	8	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:C	8	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:H	8	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:N	8	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:O	8	0.63
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE1	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:C	8	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:H	8	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:N	8	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:O	8	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:9:GLY:C	8	0.63
(2,3)	1:A:44:ALA:C	2:B:9:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:C	2:B:9:GLY:H	8	0.63
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:C	2:B:9:GLY:N	8	0.63
(2,3)	1:A:44:ALA:C	2:B:9:GLY:O	8	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:C	8	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:H	8	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:N	8	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:O	8	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:C	8	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CD	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:H	8	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:N	8	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:O	8	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:C	8	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CA	8	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CB	8	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD1	8	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE1	8	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CG	8	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CZ	8	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:H	8	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HA	8	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB3	8	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD1	8	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE1	8	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE2	8	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HH	8	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:N	8	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:O	8	0.63
(2,3)	1:A:44:ALA:C	2:B:12:TYR:OH	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:C	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:H	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:N	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:O	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:C	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CB	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:H	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:N	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:O	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:C	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:H	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:N	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:O	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:C	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:H	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:N	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:O	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:C	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:H	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB2	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:N	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:O	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:C	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:H	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:N	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:O	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:C	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:H	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:N	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:O	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:C	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:H	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:N	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:O	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:C	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:H	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:N	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:O	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:C	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CA	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CB	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD1	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE1	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CG	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CZ	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:H	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HA	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB3	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD1	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE1	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE2	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HH	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:N	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:O	8	0.63
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:OH	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:C	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:H	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA2	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:N	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:O	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:C	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:H	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:N	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:O	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:C	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:H	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:N	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:O	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:C	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:H	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:N	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:O	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:C	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CA	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:H	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:N	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:O	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:C	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:H	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:N	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:O	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:C	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:H	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:N	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:O	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:C	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:H	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HA	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:N	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:O	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:C	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:H	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:N	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:O	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:C	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CA	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CB	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD1	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE1	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CG	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CZ	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:H	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HA	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB3	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD1	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE1	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE2	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HH	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:N	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:O	8	0.63
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:OH	8	0.63
(2,3)	1:A:44:ALA:H	2:B:3:GLY:C	8	0.63
(2,3)	1:A:44:ALA:H	2:B:3:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:H	2:B:3:GLY:H	8	0.63
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:H	2:B:3:GLY:N	8	0.63
(2,3)	1:A:44:ALA:H	2:B:3:GLY:O	8	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:C	8	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:H	8	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:N	8	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:O	8	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:5:GLY:C	8	0.63
(2,3)	1:A:44:ALA:H	2:B:5:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:H	2:B:5:GLY:H	8	0.63
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:H	2:B:5:GLY:N	8	0.63
(2,3)	1:A:44:ALA:H	2:B:5:GLY:O	8	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:C	8	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:H	8	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG3	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:6:GLU:N	8	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:O	8	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:C	8	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:H	8	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:N	8	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:O	8	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:C	8	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:H	8	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:N	8	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:O	8	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:9:GLY:C	8	0.63
(2,3)	1:A:44:ALA:H	2:B:9:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:H	2:B:9:GLY:H	8	0.63
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:H	2:B:9:GLY:N	8	0.63
(2,3)	1:A:44:ALA:H	2:B:9:GLY:O	8	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:C	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:H	8	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:N	8	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:O	8	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:C	8	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:H	8	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:N	8	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:O	8	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:C	8	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CA	8	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CB	8	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD1	8	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE1	8	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CG	8	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CZ	8	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:H	8	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HA	8	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB3	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD1	8	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE1	8	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE2	8	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HH	8	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:N	8	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:O	8	0.63
(2,3)	1:A:44:ALA:H	2:B:12:TYR:OH	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:C	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:H	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:N	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:O	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:C	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:H	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:N	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:O	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CG	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:C	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:CA	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:H	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:N	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:O	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:C	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CA	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CB	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD1	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE1	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE2	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CG	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CZ	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:H	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HA	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB3	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD1	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE1	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE2	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HH	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:N	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:O	8	0.63
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:OH	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:C	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:H	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:N	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:O	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:C	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:H	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:N	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:O	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG3	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:C	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:H	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:N	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:O	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:C	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CA	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CB	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD1	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE1	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CG	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CZ	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:H	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HA	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB3	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD1	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE1	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE2	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HH	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:N	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:O	8	0.63
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:OH	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:C	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:H	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:N	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:O	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE2	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:C	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:H	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:N	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:O	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CG	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:C	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:H	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:N	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:O	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG2	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:C	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CA	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CB	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD1	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE1	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CG	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CZ	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:H	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HA	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB3	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD1	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE1	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE2	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HH	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:N	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:O	8	0.63
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:OH	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:C	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:H	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:N	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:O	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB3	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:C	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:H	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:N	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:O	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE1	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:C	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:H	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:N	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:O	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:C	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CD	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:H	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:N	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:O	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:C	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CA	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CB	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD1	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE1	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CG	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CZ	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:H	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HA	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB3	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD1	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE1	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE2	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HH	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:N	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:O	8	0.63
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:OH	8	0.63
(2,3)	1:A:44:ALA:N	2:B:3:GLY:C	8	0.63
(2,3)	1:A:44:ALA:N	2:B:3:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:N	2:B:3:GLY:H	8	0.63
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:N	2:B:3:GLY:N	8	0.63
(2,3)	1:A:44:ALA:N	2:B:3:GLY:O	8	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:C	8	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CB	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:H	8	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:N	8	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:O	8	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:5:GLY:C	8	0.63
(2,3)	1:A:44:ALA:N	2:B:5:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:N	2:B:5:GLY:H	8	0.63
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:N	2:B:5:GLY:N	8	0.63
(2,3)	1:A:44:ALA:N	2:B:5:GLY:O	8	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:C	8	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:H	8	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:N	8	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:O	8	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:C	8	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:H	8	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB2	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:N	8	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:O	8	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:C	8	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:H	8	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:N	8	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:O	8	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:9:GLY:C	8	0.63
(2,3)	1:A:44:ALA:N	2:B:9:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:N	2:B:9:GLY:H	8	0.63
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:N	2:B:9:GLY:N	8	0.63
(2,3)	1:A:44:ALA:N	2:B:9:GLY:O	8	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:C	8	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:H	8	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:N	8	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:O	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:C	8	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:H	8	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:N	8	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:O	8	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:C	8	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CA	8	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CB	8	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD1	8	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE1	8	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CG	8	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CZ	8	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:H	8	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HA	8	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB3	8	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD1	8	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE1	8	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE2	8	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HH	8	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:N	8	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:O	8	0.63
(2,3)	1:A:44:ALA:N	2:B:12:TYR:OH	8	0.63
(2,3)	1:A:44:ALA:O	2:B:3:GLY:C	8	0.63
(2,3)	1:A:44:ALA:O	2:B:3:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:O	2:B:3:GLY:H	8	0.63
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA2	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:O	2:B:3:GLY:N	8	0.63
(2,3)	1:A:44:ALA:O	2:B:3:GLY:O	8	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:C	8	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:H	8	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:N	8	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:O	8	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:5:GLY:C	8	0.63
(2,3)	1:A:44:ALA:O	2:B:5:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:O	2:B:5:GLY:H	8	0.63
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:O	2:B:5:GLY:N	8	0.63
(2,3)	1:A:44:ALA:O	2:B:5:GLY:O	8	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:C	8	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:H	8	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:N	8	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:O	8	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:C	8	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CA	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:H	8	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:N	8	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:O	8	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:C	8	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:H	8	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:N	8	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:O	8	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:9:GLY:C	8	0.63
(2,3)	1:A:44:ALA:O	2:B:9:GLY:CA	8	0.63
(2,3)	1:A:44:ALA:O	2:B:9:GLY:H	8	0.63
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA3	8	0.63
(2,3)	1:A:44:ALA:O	2:B:9:GLY:N	8	0.63
(2,3)	1:A:44:ALA:O	2:B:9:GLY:O	8	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:C	8	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:H	8	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HA	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:N	8	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:O	8	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:C	8	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CA	8	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CB	8	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CD	8	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CG	8	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:H	8	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HA	8	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB3	8	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG3	8	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:N	8	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:O	8	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE1	8	0.63
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:C	8	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CA	8	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CB	8	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD1	8	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE1	8	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CG	8	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CZ	8	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:H	8	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HA	8	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB3	8	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD1	8	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE1	8	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE2	8	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HH	8	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:N	8	0.63

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:12:TYR:O	8	0.63
(2,3)	1:A:44:ALA:O	2:B:12:TYR:OH	8	0.63
(2,3)	1:A:44:ALA:C	2:B:3:GLY:C	19	0.61
(2,3)	1:A:44:ALA:C	2:B:3:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:C	2:B:3:GLY:H	19	0.61
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:C	2:B:3:GLY:N	19	0.61
(2,3)	1:A:44:ALA:C	2:B:3:GLY:O	19	0.61
(2,3)	1:A:44:ALA:C	2:B:4:GLU:C	19	0.61
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:C	2:B:4:GLU:H	19	0.61
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:C	2:B:4:GLU:N	19	0.61
(2,3)	1:A:44:ALA:C	2:B:4:GLU:O	19	0.61
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:5:GLY:C	19	0.61
(2,3)	1:A:44:ALA:C	2:B:5:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:C	2:B:5:GLY:H	19	0.61
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:C	2:B:5:GLY:N	19	0.61
(2,3)	1:A:44:ALA:C	2:B:5:GLY:O	19	0.61
(2,3)	1:A:44:ALA:C	2:B:6:GLU:C	19	0.61
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:C	2:B:6:GLU:H	19	0.61
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG3	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:6:GLU:N	19	0.61
(2,3)	1:A:44:ALA:C	2:B:6:GLU:O	19	0.61
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:7:GLU:C	19	0.61
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:C	2:B:7:GLU:H	19	0.61
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:C	2:B:7:GLU:N	19	0.61
(2,3)	1:A:44:ALA:C	2:B:7:GLU:O	19	0.61
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:8:GLU:C	19	0.61
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:C	2:B:8:GLU:H	19	0.61
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:C	2:B:8:GLU:N	19	0.61
(2,3)	1:A:44:ALA:C	2:B:8:GLU:O	19	0.61
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:9:GLY:C	19	0.61
(2,3)	1:A:44:ALA:C	2:B:9:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:C	2:B:9:GLY:H	19	0.61
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:C	2:B:9:GLY:N	19	0.61
(2,3)	1:A:44:ALA:C	2:B:9:GLY:O	19	0.61
(2,3)	1:A:44:ALA:C	2:B:10:GLU:C	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:C	2:B:10:GLU:H	19	0.61
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:C	2:B:10:GLU:N	19	0.61
(2,3)	1:A:44:ALA:C	2:B:10:GLU:O	19	0.61
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:11:GLU:C	19	0.61
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:C	2:B:11:GLU:H	19	0.61
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:C	2:B:11:GLU:N	19	0.61
(2,3)	1:A:44:ALA:C	2:B:11:GLU:O	19	0.61
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:12:TYR:C	19	0.61
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CA	19	0.61
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CB	19	0.61
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD1	19	0.61
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE1	19	0.61
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CG	19	0.61
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CZ	19	0.61
(2,3)	1:A:44:ALA:C	2:B:12:TYR:H	19	0.61
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HA	19	0.61
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB3	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD1	19	0.61
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE1	19	0.61
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE2	19	0.61
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HH	19	0.61
(2,3)	1:A:44:ALA:C	2:B:12:TYR:N	19	0.61
(2,3)	1:A:44:ALA:C	2:B:12:TYR:O	19	0.61
(2,3)	1:A:44:ALA:C	2:B:12:TYR:OH	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:C	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:H	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:N	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:O	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:C	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:H	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:N	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:O	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:C	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:H	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:N	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:O	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:C	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CG	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:H	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:N	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:O	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:C	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:H	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:N	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:O	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:C	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:H	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:N	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:O	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:C	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:CA	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:H	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:N	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:O	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:C	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:H	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:N	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:O	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:C	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:H	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:N	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:O	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:C	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CA	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CB	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD1	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE1	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE2	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CG	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CZ	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:H	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HA	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB3	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD1	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE1	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE2	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HH	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:N	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:O	19	0.61
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:OH	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:C	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:H	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:N	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:O	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:C	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:H	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:N	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:O	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:C	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:H	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:N	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:O	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:C	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:H	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:N	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:O	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:C	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:H	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:N	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:O	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:C	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:H	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG3	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:N	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:O	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:C	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:H	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:N	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:O	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:C	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:H	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:N	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:O	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:C	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:H	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:N	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:O	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:C	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CA	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CB	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD1	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE1	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CG	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CZ	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:H	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HA	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB3	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD1	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE1	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE2	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HH	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:N	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:O	19	0.61
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:OH	19	0.61
(2,3)	1:A:44:ALA:H	2:B:3:GLY:C	19	0.61
(2,3)	1:A:44:ALA:H	2:B:3:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:H	2:B:3:GLY:H	19	0.61
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:H	2:B:3:GLY:N	19	0.61
(2,3)	1:A:44:ALA:H	2:B:3:GLY:O	19	0.61
(2,3)	1:A:44:ALA:H	2:B:4:GLU:C	19	0.61
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:H	2:B:4:GLU:H	19	0.61
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:H	2:B:4:GLU:N	19	0.61
(2,3)	1:A:44:ALA:H	2:B:4:GLU:O	19	0.61
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE2	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:5:GLY:C	19	0.61
(2,3)	1:A:44:ALA:H	2:B:5:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:H	2:B:5:GLY:H	19	0.61
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:H	2:B:5:GLY:N	19	0.61
(2,3)	1:A:44:ALA:H	2:B:5:GLY:O	19	0.61
(2,3)	1:A:44:ALA:H	2:B:6:GLU:C	19	0.61
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:H	2:B:6:GLU:H	19	0.61
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:H	2:B:6:GLU:N	19	0.61
(2,3)	1:A:44:ALA:H	2:B:6:GLU:O	19	0.61
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:7:GLU:C	19	0.61
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:H	2:B:7:GLU:H	19	0.61
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:H	2:B:7:GLU:N	19	0.61
(2,3)	1:A:44:ALA:H	2:B:7:GLU:O	19	0.61
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:8:GLU:C	19	0.61
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CG	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:8:GLU:H	19	0.61
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:H	2:B:8:GLU:N	19	0.61
(2,3)	1:A:44:ALA:H	2:B:8:GLU:O	19	0.61
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:9:GLY:C	19	0.61
(2,3)	1:A:44:ALA:H	2:B:9:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:H	2:B:9:GLY:H	19	0.61
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:H	2:B:9:GLY:N	19	0.61
(2,3)	1:A:44:ALA:H	2:B:9:GLY:O	19	0.61
(2,3)	1:A:44:ALA:H	2:B:10:GLU:C	19	0.61
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:H	2:B:10:GLU:H	19	0.61
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:H	2:B:10:GLU:N	19	0.61
(2,3)	1:A:44:ALA:H	2:B:10:GLU:O	19	0.61
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:11:GLU:C	19	0.61
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:H	2:B:11:GLU:H	19	0.61
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG2	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:H	2:B:11:GLU:N	19	0.61
(2,3)	1:A:44:ALA:H	2:B:11:GLU:O	19	0.61
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:12:TYR:C	19	0.61
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CA	19	0.61
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CB	19	0.61
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD1	19	0.61
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE1	19	0.61
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CG	19	0.61
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CZ	19	0.61
(2,3)	1:A:44:ALA:H	2:B:12:TYR:H	19	0.61
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HA	19	0.61
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB3	19	0.61
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD1	19	0.61
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE1	19	0.61
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE2	19	0.61
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HH	19	0.61
(2,3)	1:A:44:ALA:H	2:B:12:TYR:N	19	0.61
(2,3)	1:A:44:ALA:H	2:B:12:TYR:O	19	0.61
(2,3)	1:A:44:ALA:H	2:B:12:TYR:OH	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:C	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:H	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:N	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:O	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB3	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:C	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:H	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:N	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:O	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE1	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:C	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:H	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:N	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:O	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CD	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:C	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CA	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CB	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD1	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE1	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CG	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CZ	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:H	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HA	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB3	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD1	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE1	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE2	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HH	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:N	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:O	19	0.61
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:OH	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:C	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:H	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:N	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:O	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CB	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:C	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:H	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:N	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:O	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB2	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:C	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:H	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:N	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:O	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:O	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:C	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CA	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CB	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD1	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE1	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CG	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CZ	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:H	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HA	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB3	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD1	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE1	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE2	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HH	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:N	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:O	19	0.61
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:OH	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:C	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:H	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA2	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:N	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:O	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:C	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:H	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:N	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:O	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CA	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:C	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:H	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:N	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:O	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HA	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:C	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CA	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CB	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD1	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE1	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CG	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CZ	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:H	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HA	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB3	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD1	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE1	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE2	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HH	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:N	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:O	19	0.61
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:OH	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:C	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:H	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:N	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:O	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:C	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:H	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:N	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:O	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG3	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:C	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:H	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:N	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:O	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:C	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:C	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:H	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:N	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:O	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:C	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CA	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CB	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD1	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE1	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CG	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CZ	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:H	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HA	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB3	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD1	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE1	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE2	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HH	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:N	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:O	19	0.61
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:OH	19	0.61
(2,3)	1:A:44:ALA:N	2:B:3:GLY:C	19	0.61
(2,3)	1:A:44:ALA:N	2:B:3:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:N	2:B:3:GLY:H	19	0.61
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:N	2:B:3:GLY:N	19	0.61
(2,3)	1:A:44:ALA:N	2:B:3:GLY:O	19	0.61
(2,3)	1:A:44:ALA:N	2:B:4:GLU:C	19	0.61
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:N	2:B:4:GLU:H	19	0.61
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:N	2:B:4:GLU:N	19	0.61
(2,3)	1:A:44:ALA:N	2:B:4:GLU:O	19	0.61
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:5:GLY:C	19	0.61
(2,3)	1:A:44:ALA:N	2:B:5:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:N	2:B:5:GLY:H	19	0.61
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:N	2:B:5:GLY:N	19	0.61
(2,3)	1:A:44:ALA:N	2:B:5:GLY:O	19	0.61
(2,3)	1:A:44:ALA:N	2:B:6:GLU:C	19	0.61
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CG	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:6:GLU:H	19	0.61
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:N	2:B:6:GLU:N	19	0.61
(2,3)	1:A:44:ALA:N	2:B:6:GLU:O	19	0.61
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:7:GLU:C	19	0.61
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:N	2:B:7:GLU:H	19	0.61
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:N	2:B:7:GLU:N	19	0.61
(2,3)	1:A:44:ALA:N	2:B:7:GLU:O	19	0.61
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:8:GLU:C	19	0.61
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:N	2:B:8:GLU:H	19	0.61
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:N	2:B:8:GLU:N	19	0.61
(2,3)	1:A:44:ALA:N	2:B:8:GLU:O	19	0.61
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:9:GLY:C	19	0.61
(2,3)	1:A:44:ALA:N	2:B:9:GLY:CA	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:9:GLY:H	19	0.61
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:N	2:B:9:GLY:N	19	0.61
(2,3)	1:A:44:ALA:N	2:B:9:GLY:O	19	0.61
(2,3)	1:A:44:ALA:N	2:B:10:GLU:C	19	0.61
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:N	2:B:10:GLU:H	19	0.61
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:N	2:B:10:GLU:N	19	0.61
(2,3)	1:A:44:ALA:N	2:B:10:GLU:O	19	0.61
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:11:GLU:C	19	0.61
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:N	2:B:11:GLU:H	19	0.61
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:N	2:B:11:GLU:N	19	0.61
(2,3)	1:A:44:ALA:N	2:B:11:GLU:O	19	0.61
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:12:TYR:C	19	0.61
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CA	19	0.61
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CB	19	0.61
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD1	19	0.61
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE1	19	0.61
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE2	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CG	19	0.61
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CZ	19	0.61
(2,3)	1:A:44:ALA:N	2:B:12:TYR:H	19	0.61
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HA	19	0.61
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB3	19	0.61
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD1	19	0.61
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE1	19	0.61
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE2	19	0.61
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HH	19	0.61
(2,3)	1:A:44:ALA:N	2:B:12:TYR:N	19	0.61
(2,3)	1:A:44:ALA:N	2:B:12:TYR:O	19	0.61
(2,3)	1:A:44:ALA:N	2:B:12:TYR:OH	19	0.61
(2,3)	1:A:44:ALA:O	2:B:3:GLY:C	19	0.61
(2,3)	1:A:44:ALA:O	2:B:3:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:O	2:B:3:GLY:H	19	0.61
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:O	2:B:3:GLY:N	19	0.61
(2,3)	1:A:44:ALA:O	2:B:3:GLY:O	19	0.61
(2,3)	1:A:44:ALA:O	2:B:4:GLU:C	19	0.61
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:O	2:B:4:GLU:H	19	0.61
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:O	2:B:4:GLU:N	19	0.61
(2,3)	1:A:44:ALA:O	2:B:4:GLU:O	19	0.61
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:5:GLY:C	19	0.61
(2,3)	1:A:44:ALA:O	2:B:5:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:O	2:B:5:GLY:H	19	0.61
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:O	2:B:5:GLY:N	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:5:GLY:O	19	0.61
(2,3)	1:A:44:ALA:O	2:B:6:GLU:C	19	0.61
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:O	2:B:6:GLU:H	19	0.61
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:O	2:B:6:GLU:N	19	0.61
(2,3)	1:A:44:ALA:O	2:B:6:GLU:O	19	0.61
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:7:GLU:C	19	0.61
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:O	2:B:7:GLU:H	19	0.61
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:O	2:B:7:GLU:N	19	0.61
(2,3)	1:A:44:ALA:O	2:B:7:GLU:O	19	0.61
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:8:GLU:C	19	0.61
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:O	2:B:8:GLU:H	19	0.61
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG3	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:8:GLU:N	19	0.61
(2,3)	1:A:44:ALA:O	2:B:8:GLU:O	19	0.61
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:9:GLY:C	19	0.61
(2,3)	1:A:44:ALA:O	2:B:9:GLY:CA	19	0.61
(2,3)	1:A:44:ALA:O	2:B:9:GLY:H	19	0.61
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA3	19	0.61
(2,3)	1:A:44:ALA:O	2:B:9:GLY:N	19	0.61
(2,3)	1:A:44:ALA:O	2:B:9:GLY:O	19	0.61
(2,3)	1:A:44:ALA:O	2:B:10:GLU:C	19	0.61
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:O	2:B:10:GLU:H	19	0.61
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:O	2:B:10:GLU:N	19	0.61
(2,3)	1:A:44:ALA:O	2:B:10:GLU:O	19	0.61
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:11:GLU:C	19	0.61
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CA	19	0.61
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CB	19	0.61
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CD	19	0.61
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CG	19	0.61
(2,3)	1:A:44:ALA:O	2:B:11:GLU:H	19	0.61
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HA	19	0.61
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB3	19	0.61
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG3	19	0.61
(2,3)	1:A:44:ALA:O	2:B:11:GLU:N	19	0.61
(2,3)	1:A:44:ALA:O	2:B:11:GLU:O	19	0.61
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE1	19	0.61
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:12:TYR:C	19	0.61

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CA	19	0.61
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CB	19	0.61
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD1	19	0.61
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE1	19	0.61
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CG	19	0.61
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CZ	19	0.61
(2,3)	1:A:44:ALA:O	2:B:12:TYR:H	19	0.61
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HA	19	0.61
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB3	19	0.61
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD1	19	0.61
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE1	19	0.61
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE2	19	0.61
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HH	19	0.61
(2,3)	1:A:44:ALA:O	2:B:12:TYR:N	19	0.61
(2,3)	1:A:44:ALA:O	2:B:12:TYR:O	19	0.61
(2,3)	1:A:44:ALA:O	2:B:12:TYR:OH	19	0.61
(2,3)	1:A:44:ALA:C	2:B:3:GLY:C	3	0.54
(2,3)	1:A:44:ALA:C	2:B:3:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:C	2:B:3:GLY:H	3	0.54
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:C	2:B:3:GLY:N	3	0.54
(2,3)	1:A:44:ALA:C	2:B:3:GLY:O	3	0.54
(2,3)	1:A:44:ALA:C	2:B:4:GLU:C	3	0.54
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:C	2:B:4:GLU:H	3	0.54
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:C	2:B:4:GLU:N	3	0.54
(2,3)	1:A:44:ALA:C	2:B:4:GLU:O	3	0.54
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE2	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:5:GLY:C	3	0.54
(2,3)	1:A:44:ALA:C	2:B:5:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:C	2:B:5:GLY:H	3	0.54
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:C	2:B:5:GLY:N	3	0.54
(2,3)	1:A:44:ALA:C	2:B:5:GLY:O	3	0.54
(2,3)	1:A:44:ALA:C	2:B:6:GLU:C	3	0.54
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:C	2:B:6:GLU:H	3	0.54
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:C	2:B:6:GLU:N	3	0.54
(2,3)	1:A:44:ALA:C	2:B:6:GLU:O	3	0.54
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:7:GLU:C	3	0.54
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:C	2:B:7:GLU:H	3	0.54
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:C	2:B:7:GLU:N	3	0.54
(2,3)	1:A:44:ALA:C	2:B:7:GLU:O	3	0.54
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:8:GLU:C	3	0.54
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CG	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:8:GLU:H	3	0.54
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:C	2:B:8:GLU:N	3	0.54
(2,3)	1:A:44:ALA:C	2:B:8:GLU:O	3	0.54
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:9:GLY:C	3	0.54
(2,3)	1:A:44:ALA:C	2:B:9:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:C	2:B:9:GLY:H	3	0.54
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:C	2:B:9:GLY:N	3	0.54
(2,3)	1:A:44:ALA:C	2:B:9:GLY:O	3	0.54
(2,3)	1:A:44:ALA:C	2:B:10:GLU:C	3	0.54
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:C	2:B:10:GLU:H	3	0.54
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:C	2:B:10:GLU:N	3	0.54
(2,3)	1:A:44:ALA:C	2:B:10:GLU:O	3	0.54
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:11:GLU:C	3	0.54
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:C	2:B:11:GLU:H	3	0.54
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG2	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:C	2:B:11:GLU:N	3	0.54
(2,3)	1:A:44:ALA:C	2:B:11:GLU:O	3	0.54
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:12:TYR:C	3	0.54
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CA	3	0.54
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CB	3	0.54
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD1	3	0.54
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE1	3	0.54
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CG	3	0.54
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CZ	3	0.54
(2,3)	1:A:44:ALA:C	2:B:12:TYR:H	3	0.54
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HA	3	0.54
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB3	3	0.54
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD1	3	0.54
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE1	3	0.54
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE2	3	0.54
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HH	3	0.54
(2,3)	1:A:44:ALA:C	2:B:12:TYR:N	3	0.54
(2,3)	1:A:44:ALA:C	2:B:12:TYR:O	3	0.54
(2,3)	1:A:44:ALA:C	2:B:12:TYR:OH	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:C	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:H	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:N	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:O	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:C	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:H	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB3	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:N	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:O	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:C	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:H	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:N	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:O	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:C	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:H	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:N	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:O	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:C	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:H	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:N	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:O	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE1	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:C	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:H	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:N	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:O	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:C	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:H	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:N	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:O	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:C	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:H	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:N	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:O	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:C	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CD	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:H	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:N	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:O	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:C	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CA	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CB	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD1	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE1	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CG	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CZ	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:H	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HA	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB3	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD1	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE1	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE2	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HH	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:N	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:O	3	0.54
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:OH	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:C	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:H	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:N	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:O	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:C	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CB	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:H	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:N	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:O	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:C	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:H	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:N	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:O	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:C	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:H	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:N	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:O	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:C	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:H	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB2	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:N	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:O	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:C	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:H	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:N	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:O	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:C	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:H	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:N	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:O	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:C	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:H	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:N	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:O	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:C	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:H	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:N	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:O	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:C	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CA	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CB	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD1	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE1	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CG	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CZ	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:H	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HA	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB3	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD1	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE1	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE2	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HH	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:N	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:O	3	0.54
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:OH	3	0.54
(2,3)	1:A:44:ALA:H	2:B:3:GLY:C	3	0.54
(2,3)	1:A:44:ALA:H	2:B:3:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:H	2:B:3:GLY:H	3	0.54
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA2	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:H	2:B:3:GLY:N	3	0.54
(2,3)	1:A:44:ALA:H	2:B:3:GLY:O	3	0.54
(2,3)	1:A:44:ALA:H	2:B:4:GLU:C	3	0.54
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:H	2:B:4:GLU:H	3	0.54
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:H	2:B:4:GLU:N	3	0.54
(2,3)	1:A:44:ALA:H	2:B:4:GLU:O	3	0.54
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:5:GLY:C	3	0.54
(2,3)	1:A:44:ALA:H	2:B:5:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:H	2:B:5:GLY:H	3	0.54
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:H	2:B:5:GLY:N	3	0.54
(2,3)	1:A:44:ALA:H	2:B:5:GLY:O	3	0.54
(2,3)	1:A:44:ALA:H	2:B:6:GLU:C	3	0.54
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:H	2:B:6:GLU:H	3	0.54
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:H	2:B:6:GLU:N	3	0.54
(2,3)	1:A:44:ALA:H	2:B:6:GLU:O	3	0.54
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:7:GLU:C	3	0.54
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CA	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:H	2:B:7:GLU:H	3	0.54
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:H	2:B:7:GLU:N	3	0.54
(2,3)	1:A:44:ALA:H	2:B:7:GLU:O	3	0.54
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:8:GLU:C	3	0.54
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:H	2:B:8:GLU:H	3	0.54
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:H	2:B:8:GLU:N	3	0.54
(2,3)	1:A:44:ALA:H	2:B:8:GLU:O	3	0.54
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:9:GLY:C	3	0.54
(2,3)	1:A:44:ALA:H	2:B:9:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:H	2:B:9:GLY:H	3	0.54
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:H	2:B:9:GLY:N	3	0.54
(2,3)	1:A:44:ALA:H	2:B:9:GLY:O	3	0.54
(2,3)	1:A:44:ALA:H	2:B:10:GLU:C	3	0.54
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:H	2:B:10:GLU:H	3	0.54
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HA	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:H	2:B:10:GLU:N	3	0.54
(2,3)	1:A:44:ALA:H	2:B:10:GLU:O	3	0.54
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:11:GLU:C	3	0.54
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:H	2:B:11:GLU:H	3	0.54
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:H	2:B:11:GLU:N	3	0.54
(2,3)	1:A:44:ALA:H	2:B:11:GLU:O	3	0.54
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:12:TYR:C	3	0.54
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CA	3	0.54
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CB	3	0.54
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD1	3	0.54
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE1	3	0.54
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CG	3	0.54
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CZ	3	0.54
(2,3)	1:A:44:ALA:H	2:B:12:TYR:H	3	0.54
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HA	3	0.54
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB3	3	0.54
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD1	3	0.54
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE1	3	0.54
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE2	3	0.54
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HH	3	0.54
(2,3)	1:A:44:ALA:H	2:B:12:TYR:N	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:12:TYR:O	3	0.54
(2,3)	1:A:44:ALA:H	2:B:12:TYR:OH	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:C	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:H	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:N	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:O	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:C	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:H	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:N	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:O	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG3	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:C	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:H	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:N	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:O	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:C	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:C	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CA	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CB	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD1	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE1	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CG	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CZ	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:H	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HA	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB3	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD1	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE1	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE2	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HH	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:N	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:O	3	0.54
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:OH	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:C	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:H	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:N	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:O	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:C	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:H	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:N	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:O	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CG	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:C	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:CA	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:H	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:N	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:O	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:C	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CA	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CB	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD1	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE1	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE2	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CG	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CZ	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:H	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HA	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB3	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD1	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE1	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE2	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HH	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:N	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:O	3	0.54
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:OH	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:C	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:H	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:N	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:O	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:C	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:H	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:N	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:O	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG3	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:C	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:H	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:N	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:O	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:C	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CA	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CB	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD1	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE1	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CG	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CZ	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:H	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HA	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB3	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD1	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE1	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE2	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HH	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:N	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:O	3	0.54
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:OH	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:C	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:H	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:N	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:O	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE2	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:C	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:H	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:N	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:O	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CG	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:C	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:H	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:N	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:O	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:C	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:H	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG2	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:N	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:O	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:C	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CA	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CB	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD1	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE1	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CG	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CZ	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:H	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HA	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB3	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD1	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE1	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE2	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HH	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:N	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:O	3	0.54
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:OH	3	0.54
(2,3)	1:A:44:ALA:N	2:B:3:GLY:C	3	0.54
(2,3)	1:A:44:ALA:N	2:B:3:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:N	2:B:3:GLY:H	3	0.54
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:N	2:B:3:GLY:N	3	0.54
(2,3)	1:A:44:ALA:N	2:B:3:GLY:O	3	0.54
(2,3)	1:A:44:ALA:N	2:B:4:GLU:C	3	0.54
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:N	2:B:4:GLU:H	3	0.54
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB3	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:N	2:B:4:GLU:N	3	0.54
(2,3)	1:A:44:ALA:N	2:B:4:GLU:O	3	0.54
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:5:GLY:C	3	0.54
(2,3)	1:A:44:ALA:N	2:B:5:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:N	2:B:5:GLY:H	3	0.54
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:N	2:B:5:GLY:N	3	0.54
(2,3)	1:A:44:ALA:N	2:B:5:GLY:O	3	0.54
(2,3)	1:A:44:ALA:N	2:B:6:GLU:C	3	0.54
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:N	2:B:6:GLU:H	3	0.54
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:N	2:B:6:GLU:N	3	0.54
(2,3)	1:A:44:ALA:N	2:B:6:GLU:O	3	0.54
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:7:GLU:C	3	0.54
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:N	2:B:7:GLU:H	3	0.54
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:N	2:B:7:GLU:N	3	0.54
(2,3)	1:A:44:ALA:N	2:B:7:GLU:O	3	0.54
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE1	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:8:GLU:C	3	0.54
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:N	2:B:8:GLU:H	3	0.54
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:N	2:B:8:GLU:N	3	0.54
(2,3)	1:A:44:ALA:N	2:B:8:GLU:O	3	0.54
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:9:GLY:C	3	0.54
(2,3)	1:A:44:ALA:N	2:B:9:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:N	2:B:9:GLY:H	3	0.54
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:N	2:B:9:GLY:N	3	0.54
(2,3)	1:A:44:ALA:N	2:B:9:GLY:O	3	0.54
(2,3)	1:A:44:ALA:N	2:B:10:GLU:C	3	0.54
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:N	2:B:10:GLU:H	3	0.54
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:N	2:B:10:GLU:N	3	0.54
(2,3)	1:A:44:ALA:N	2:B:10:GLU:O	3	0.54
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:11:GLU:C	3	0.54
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CD	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:N	2:B:11:GLU:H	3	0.54
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:N	2:B:11:GLU:N	3	0.54
(2,3)	1:A:44:ALA:N	2:B:11:GLU:O	3	0.54
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:12:TYR:C	3	0.54
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CA	3	0.54
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CB	3	0.54
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD1	3	0.54
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE1	3	0.54
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CG	3	0.54
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CZ	3	0.54
(2,3)	1:A:44:ALA:N	2:B:12:TYR:H	3	0.54
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HA	3	0.54
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB3	3	0.54
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD1	3	0.54
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE1	3	0.54
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE2	3	0.54
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HH	3	0.54
(2,3)	1:A:44:ALA:N	2:B:12:TYR:N	3	0.54
(2,3)	1:A:44:ALA:N	2:B:12:TYR:O	3	0.54
(2,3)	1:A:44:ALA:N	2:B:12:TYR:OH	3	0.54
(2,3)	1:A:44:ALA:O	2:B:3:GLY:C	3	0.54
(2,3)	1:A:44:ALA:O	2:B:3:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:O	2:B:3:GLY:H	3	0.54
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:O	2:B:3:GLY:N	3	0.54
(2,3)	1:A:44:ALA:O	2:B:3:GLY:O	3	0.54
(2,3)	1:A:44:ALA:O	2:B:4:GLU:C	3	0.54
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CB	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:O	2:B:4:GLU:H	3	0.54
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:O	2:B:4:GLU:N	3	0.54
(2,3)	1:A:44:ALA:O	2:B:4:GLU:O	3	0.54
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:5:GLY:C	3	0.54
(2,3)	1:A:44:ALA:O	2:B:5:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:O	2:B:5:GLY:H	3	0.54
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:O	2:B:5:GLY:N	3	0.54
(2,3)	1:A:44:ALA:O	2:B:5:GLY:O	3	0.54
(2,3)	1:A:44:ALA:O	2:B:6:GLU:C	3	0.54
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:O	2:B:6:GLU:H	3	0.54
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:O	2:B:6:GLU:N	3	0.54
(2,3)	1:A:44:ALA:O	2:B:6:GLU:O	3	0.54
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:7:GLU:C	3	0.54
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:O	2:B:7:GLU:H	3	0.54
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB2	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:O	2:B:7:GLU:N	3	0.54
(2,3)	1:A:44:ALA:O	2:B:7:GLU:O	3	0.54
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:8:GLU:C	3	0.54
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:O	2:B:8:GLU:H	3	0.54
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:O	2:B:8:GLU:N	3	0.54
(2,3)	1:A:44:ALA:O	2:B:8:GLU:O	3	0.54
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:9:GLY:C	3	0.54
(2,3)	1:A:44:ALA:O	2:B:9:GLY:CA	3	0.54
(2,3)	1:A:44:ALA:O	2:B:9:GLY:H	3	0.54
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA3	3	0.54
(2,3)	1:A:44:ALA:O	2:B:9:GLY:N	3	0.54
(2,3)	1:A:44:ALA:O	2:B:9:GLY:O	3	0.54
(2,3)	1:A:44:ALA:O	2:B:10:GLU:C	3	0.54
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:O	2:B:10:GLU:H	3	0.54
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:O	2:B:10:GLU:N	3	0.54
(2,3)	1:A:44:ALA:O	2:B:10:GLU:O	3	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:11:GLU:C	3	0.54
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CA	3	0.54
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CB	3	0.54
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CD	3	0.54
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CG	3	0.54
(2,3)	1:A:44:ALA:O	2:B:11:GLU:H	3	0.54
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HA	3	0.54
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB3	3	0.54
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG3	3	0.54
(2,3)	1:A:44:ALA:O	2:B:11:GLU:N	3	0.54
(2,3)	1:A:44:ALA:O	2:B:11:GLU:O	3	0.54
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE1	3	0.54
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:12:TYR:C	3	0.54
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CA	3	0.54
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CB	3	0.54
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD1	3	0.54
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE1	3	0.54
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CG	3	0.54
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CZ	3	0.54
(2,3)	1:A:44:ALA:O	2:B:12:TYR:H	3	0.54
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HA	3	0.54
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB3	3	0.54
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD1	3	0.54
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE1	3	0.54
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE2	3	0.54
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HH	3	0.54
(2,3)	1:A:44:ALA:O	2:B:12:TYR:N	3	0.54
(2,3)	1:A:44:ALA:O	2:B:12:TYR:O	3	0.54
(2,3)	1:A:44:ALA:O	2:B:12:TYR:OH	3	0.54
(2,7)	2:B:5:GLY:C	1:A:10:LYS:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CD	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:10:LYS:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:10:LYS:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:10:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:C	1:A:10:LYS:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:11:TYR:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CB	10	0.52
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CZ	10	0.52
(2,7)	2:B:5:GLY:C	1:A:11:TYR:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HH	10	0.52
(2,7)	2:B:5:GLY:C	1:A:11:TYR:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:11:TYR:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:11:TYR:OH	10	0.52
(2,7)	2:B:5:GLY:C	1:A:12:LYS:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CB	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:12:LYS:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:12:LYS:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:12:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:C	1:A:12:LYS:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:16:LYS:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:16:LYS:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:16:LYS:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:16:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:C	1:A:16:LYS:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:24:LEU:C	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:24:LEU:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:24:LEU:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:24:LEU:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:27:GLY:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:27:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:27:GLY:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:27:GLY:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:27:GLY:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CB	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CD	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CZ	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HE	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH11	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH12	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH21	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH22	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NE	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:28:ARG:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:29:TYR:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CB	10	0.52
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CZ	10	0.52
(2,7)	2:B:5:GLY:C	1:A:29:TYR:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HH	10	0.52
(2,7)	2:B:5:GLY:C	1:A:29:TYR:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:29:TYR:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:29:TYR:OH	10	0.52
(2,7)	2:B:5:GLY:C	1:A:30:GLY:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:30:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:30:GLY:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:30:GLY:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:30:GLY:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:31:LYS:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:31:LYS:H	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:31:LYS:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:31:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:C	1:A:31:LYS:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:32:LEU:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:32:LEU:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:32:LEU:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:32:LEU:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:34:HIS:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CB	10	0.52
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CD2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CE1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:34:HIS:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HA	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HE1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:34:HIS:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:34:HIS:ND1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:34:HIS:NE2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:34:HIS:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:36:LEU:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:36:LEU:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:36:LEU:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:36:LEU:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:37:TYR:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CB	10	0.52
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CZ	10	0.52
(2,7)	2:B:5:GLY:C	1:A:37:TYR:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD1	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HH	10	0.52
(2,7)	2:B:5:GLY:C	1:A:37:TYR:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:37:TYR:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:37:TYR:OH	10	0.52
(2,7)	2:B:5:GLY:C	1:A:38:ASP:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CB	10	0.52
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:38:ASP:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:38:ASP:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:38:ASP:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:39:LEU:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:39:LEU:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:39:LEU:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:39:LEU:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:40:GLY:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:40:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:40:GLY:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA2	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:40:GLY:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:40:GLY:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:41:GLY:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:41:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:41:GLY:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:41:GLY:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:41:GLY:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:42:GLY:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:42:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:42:GLY:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:42:GLY:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:42:GLY:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:43:LYS:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:43:LYS:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:43:LYS:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:43:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:C	1:A:43:LYS:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:44:ALA:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CB	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:44:ALA:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:44:ALA:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:44:ALA:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:45:GLY:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:45:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:45:GLY:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:45:GLY:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:45:GLY:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:46:MET:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:46:MET:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:46:MET:CB	10	0.52
(2,7)	2:B:5:GLY:C	1:A:46:MET:CE	10	0.52
(2,7)	2:B:5:GLY:C	1:A:46:MET:CG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:46:MET:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:46:MET:HA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:46:MET:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:46:MET:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:46:MET:SD	10	0.52
(2,7)	2:B:5:GLY:C	1:A:47:GLY:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:47:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:47:GLY:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:47:GLY:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:47:GLY:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:48:MET:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:48:MET:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:48:MET:CB	10	0.52
(2,7)	2:B:5:GLY:C	1:A:48:MET:CE	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:48:MET:CG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:48:MET:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:48:MET:HA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:48:MET:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:48:MET:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:48:MET:SD	10	0.52
(2,7)	2:B:5:GLY:C	1:A:50:SER:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:50:SER:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:50:SER:CB	10	0.52
(2,7)	2:B:5:GLY:C	1:A:50:SER:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:50:SER:HA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:50:SER:HG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:50:SER:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:50:SER:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:50:SER:OG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:51:GLU:C	10	0.52
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CB	10	0.52
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CD	10	0.52
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CG	10	0.52
(2,7)	2:B:5:GLY:C	1:A:51:GLU:H	10	0.52
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HA	10	0.52
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG2	10	0.52
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG3	10	0.52
(2,7)	2:B:5:GLY:C	1:A:51:GLU:N	10	0.52
(2,7)	2:B:5:GLY:C	1:A:51:GLU:O	10	0.52
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE1	10	0.52
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CB	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CB	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CZ	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HH	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:OH	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CA	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:O	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CB	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CD	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CZ	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HE	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH11	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH12	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH21	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH22	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NE	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CB	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CZ	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HH	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:OH	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CG	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CB	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CD2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CE1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:H	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HE1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:ND1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:NE2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CB	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CZ	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB3	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HH	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:OH	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CB	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:H	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CA	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CB	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:46:MET:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CB	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CE	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:46:MET:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:46:MET:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:46:MET:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:46:MET:SD	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:48:MET:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CB	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CE	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:48:MET:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:48:MET:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:48:MET:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:48:MET:SD	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:50:SER:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CB	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:50:SER:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:50:SER:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:50:SER:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:50:SER:OG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:C	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CB	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CD	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CG	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:H	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HA	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG2	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG3	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:N	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:O	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE1	10	0.52
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:10:LYS:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CA	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:10:LYS:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:10:LYS:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:10:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:H	1:A:10:LYS:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:11:TYR:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CB	10	0.52
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CZ	10	0.52
(2,7)	2:B:5:GLY:H	1:A:11:TYR:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HH	10	0.52
(2,7)	2:B:5:GLY:H	1:A:11:TYR:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:11:TYR:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:11:TYR:OH	10	0.52
(2,7)	2:B:5:GLY:H	1:A:12:LYS:C	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:12:LYS:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:12:LYS:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:12:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:H	1:A:12:LYS:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:16:LYS:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:16:LYS:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:16:LYS:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:16:LYS:NZ	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:16:LYS:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:24:LEU:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:24:LEU:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:24:LEU:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:24:LEU:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:27:GLY:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:27:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:27:GLY:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:27:GLY:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:27:GLY:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CB	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CD	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CZ	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HE	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG3	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH11	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH12	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH21	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH22	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NE	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:28:ARG:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:29:TYR:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CB	10	0.52
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CZ	10	0.52
(2,7)	2:B:5:GLY:H	1:A:29:TYR:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HH	10	0.52
(2,7)	2:B:5:GLY:H	1:A:29:TYR:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:29:TYR:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:29:TYR:OH	10	0.52
(2,7)	2:B:5:GLY:H	1:A:30:GLY:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:30:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:30:GLY:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:30:GLY:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:30:GLY:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:31:LYS:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CE	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:31:LYS:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:31:LYS:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:31:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:H	1:A:31:LYS:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:32:LEU:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:32:LEU:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:32:LEU:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:32:LEU:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:34:HIS:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CB	10	0.52
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CD2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CE1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CG	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:34:HIS:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HE1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:34:HIS:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:34:HIS:ND1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:34:HIS:NE2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:34:HIS:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:36:LEU:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:36:LEU:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:36:LEU:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:36:LEU:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:37:TYR:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CB	10	0.52
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CZ	10	0.52
(2,7)	2:B:5:GLY:H	1:A:37:TYR:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB2	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HH	10	0.52
(2,7)	2:B:5:GLY:H	1:A:37:TYR:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:37:TYR:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:37:TYR:OH	10	0.52
(2,7)	2:B:5:GLY:H	1:A:38:ASP:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CB	10	0.52
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:38:ASP:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:38:ASP:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:38:ASP:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:39:LEU:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:39:LEU:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:39:LEU:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:39:LEU:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:40:GLY:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:40:GLY:CA	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:40:GLY:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:40:GLY:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:40:GLY:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:41:GLY:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:41:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:41:GLY:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:41:GLY:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:41:GLY:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:42:GLY:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:42:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:42:GLY:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:42:GLY:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:42:GLY:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:43:LYS:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:43:LYS:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:43:LYS:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:43:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:H	1:A:43:LYS:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:44:ALA:C	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CB	10	0.52
(2,7)	2:B:5:GLY:H	1:A:44:ALA:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:44:ALA:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:44:ALA:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:45:GLY:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:45:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:45:GLY:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:45:GLY:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:45:GLY:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:46:MET:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:46:MET:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:46:MET:CB	10	0.52
(2,7)	2:B:5:GLY:H	1:A:46:MET:CE	10	0.52
(2,7)	2:B:5:GLY:H	1:A:46:MET:CG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:46:MET:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:46:MET:HA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:46:MET:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:46:MET:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:46:MET:SD	10	0.52
(2,7)	2:B:5:GLY:H	1:A:47:GLY:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:47:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:47:GLY:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:47:GLY:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:47:GLY:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:48:MET:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:48:MET:CA	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:48:MET:CB	10	0.52
(2,7)	2:B:5:GLY:H	1:A:48:MET:CE	10	0.52
(2,7)	2:B:5:GLY:H	1:A:48:MET:CG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:48:MET:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:48:MET:HA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:48:MET:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:48:MET:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:48:MET:SD	10	0.52
(2,7)	2:B:5:GLY:H	1:A:50:SER:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:50:SER:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:50:SER:CB	10	0.52
(2,7)	2:B:5:GLY:H	1:A:50:SER:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:50:SER:HA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:50:SER:HG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:50:SER:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:50:SER:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:50:SER:OG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:51:GLU:C	10	0.52
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CB	10	0.52
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CD	10	0.52
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CG	10	0.52
(2,7)	2:B:5:GLY:H	1:A:51:GLU:H	10	0.52
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HA	10	0.52
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG2	10	0.52
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG3	10	0.52
(2,7)	2:B:5:GLY:H	1:A:51:GLU:N	10	0.52
(2,7)	2:B:5:GLY:H	1:A:51:GLU:O	10	0.52
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE1	10	0.52
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:C	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CB	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CZ	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HH	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:OH	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:N	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CB	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CD	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CZ	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HE	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG2	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH11	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH12	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH21	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH22	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NE	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CB	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CZ	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HH	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:OH	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CD	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CB	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CD2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CE1	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HE1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:ND1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:NE2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CB	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CZ	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HA	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HH	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:OH	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CB	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:C	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:O	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CB	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CB	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CE	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:SD	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:C	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CB	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CE	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:SD	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CB	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:OG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:C	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CB	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CD	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CG	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:H	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HA	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG2	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG3	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:N	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:O	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE1	10	0.52
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE2	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CB	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CZ	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HH	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:O	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:OH	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ3	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CB	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CD	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CZ	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HE	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH11	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH12	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH21	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH22	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NE	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CB	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CZ	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HH	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:OH	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CB	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CB	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CD2	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CE1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HE1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:ND1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:NE2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CB	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CZ	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:H	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HH	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:OH	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CB	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:O	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:NZ	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CB	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CB	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CE	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:SD	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:O	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CB	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CE	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE1	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:SD	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CB	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:OG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:C	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CB	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CD	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CG	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:H	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HA	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG2	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG3	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:N	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:O	10	0.52
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE1	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:10:LYS:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:10:LYS:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:10:LYS:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:10:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:N	1:A:10:LYS:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:11:TYR:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CB	10	0.52
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CZ	10	0.52
(2,7)	2:B:5:GLY:N	1:A:11:TYR:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HH	10	0.52
(2,7)	2:B:5:GLY:N	1:A:11:TYR:N	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:11:TYR:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:11:TYR:OH	10	0.52
(2,7)	2:B:5:GLY:N	1:A:12:LYS:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:12:LYS:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:12:LYS:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:12:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:N	1:A:12:LYS:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:16:LYS:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:16:LYS:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ2	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:16:LYS:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:16:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:N	1:A:16:LYS:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:24:LEU:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:24:LEU:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:24:LEU:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:24:LEU:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:27:GLY:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:27:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:27:GLY:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:27:GLY:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:27:GLY:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CB	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CD	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CZ	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD3	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HE	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH11	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH12	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH21	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH22	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NE	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:28:ARG:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:29:TYR:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CB	10	0.52
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CZ	10	0.52
(2,7)	2:B:5:GLY:N	1:A:29:TYR:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HH	10	0.52
(2,7)	2:B:5:GLY:N	1:A:29:TYR:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:29:TYR:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:29:TYR:OH	10	0.52
(2,7)	2:B:5:GLY:N	1:A:30:GLY:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:30:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:30:GLY:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:30:GLY:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:30:GLY:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:31:LYS:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CA	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:31:LYS:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:31:LYS:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:31:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:N	1:A:31:LYS:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:32:LEU:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:32:LEU:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:32:LEU:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:32:LEU:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:34:HIS:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CB	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CD2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CE1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:34:HIS:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HE1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:34:HIS:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:34:HIS:ND1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:34:HIS:NE2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:34:HIS:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:36:LEU:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:36:LEU:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:36:LEU:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:36:LEU:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:37:TYR:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CB	10	0.52
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CZ	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:37:TYR:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HH	10	0.52
(2,7)	2:B:5:GLY:N	1:A:37:TYR:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:37:TYR:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:37:TYR:OH	10	0.52
(2,7)	2:B:5:GLY:N	1:A:38:ASP:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CB	10	0.52
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:38:ASP:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:38:ASP:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:38:ASP:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:39:LEU:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:39:LEU:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:39:LEU:N	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:39:LEU:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:40:GLY:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:40:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:40:GLY:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:40:GLY:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:40:GLY:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:41:GLY:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:41:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:41:GLY:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:41:GLY:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:41:GLY:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:42:GLY:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:42:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:42:GLY:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:42:GLY:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:42:GLY:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:43:LYS:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:43:LYS:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:43:LYS:N	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:43:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:N	1:A:43:LYS:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:44:ALA:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CB	10	0.52
(2,7)	2:B:5:GLY:N	1:A:44:ALA:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:44:ALA:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:44:ALA:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:45:GLY:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:45:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:45:GLY:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:45:GLY:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:45:GLY:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:46:MET:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:46:MET:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:46:MET:CB	10	0.52
(2,7)	2:B:5:GLY:N	1:A:46:MET:CE	10	0.52
(2,7)	2:B:5:GLY:N	1:A:46:MET:CG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:46:MET:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:46:MET:HA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:46:MET:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:46:MET:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:46:MET:SD	10	0.52
(2,7)	2:B:5:GLY:N	1:A:47:GLY:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:47:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:47:GLY:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:47:GLY:N	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:47:GLY:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:48:MET:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:48:MET:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:48:MET:CB	10	0.52
(2,7)	2:B:5:GLY:N	1:A:48:MET:CE	10	0.52
(2,7)	2:B:5:GLY:N	1:A:48:MET:CG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:48:MET:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:48:MET:HA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:48:MET:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:48:MET:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:48:MET:SD	10	0.52
(2,7)	2:B:5:GLY:N	1:A:50:SER:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:50:SER:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:50:SER:CB	10	0.52
(2,7)	2:B:5:GLY:N	1:A:50:SER:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:50:SER:HA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:50:SER:HG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:50:SER:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:50:SER:O	10	0.52
(2,7)	2:B:5:GLY:N	1:A:50:SER:OG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:51:GLU:C	10	0.52
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CB	10	0.52
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CD	10	0.52
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CG	10	0.52
(2,7)	2:B:5:GLY:N	1:A:51:GLU:H	10	0.52
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HA	10	0.52
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG2	10	0.52
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG3	10	0.52
(2,7)	2:B:5:GLY:N	1:A:51:GLU:N	10	0.52
(2,7)	2:B:5:GLY:N	1:A:51:GLU:O	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE1	10	0.52
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:10:LYS:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:O	1:A:10:LYS:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:10:LYS:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:10:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:O	1:A:10:LYS:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:11:TYR:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CB	10	0.52
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CG	10	0.52
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CZ	10	0.52
(2,7)	2:B:5:GLY:O	1:A:11:TYR:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HH	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:11:TYR:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:11:TYR:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:11:TYR:OH	10	0.52
(2,7)	2:B:5:GLY:O	1:A:12:LYS:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:O	1:A:12:LYS:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:12:LYS:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:12:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:O	1:A:12:LYS:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:16:LYS:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:O	1:A:16:LYS:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ1	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:16:LYS:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:16:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:O	1:A:16:LYS:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:24:LEU:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:O	1:A:24:LEU:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:O	1:A:24:LEU:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:24:LEU:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:27:GLY:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:27:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:27:GLY:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:27:GLY:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:27:GLY:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CB	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CD	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CG	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CZ	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD2	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HE	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH11	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH12	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH21	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH22	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NE	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:28:ARG:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:29:TYR:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CB	10	0.52
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CG	10	0.52
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CZ	10	0.52
(2,7)	2:B:5:GLY:O	1:A:29:TYR:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HH	10	0.52
(2,7)	2:B:5:GLY:O	1:A:29:TYR:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:29:TYR:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:29:TYR:OH	10	0.52
(2,7)	2:B:5:GLY:O	1:A:30:GLY:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:30:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:30:GLY:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:30:GLY:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:30:GLY:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:31:LYS:C	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:O	1:A:31:LYS:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:31:LYS:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:31:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:O	1:A:31:LYS:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:32:LEU:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:O	1:A:32:LEU:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:O	1:A:32:LEU:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:32:LEU:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:34:HIS:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CA	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CB	10	0.52
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CD2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CE1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CG	10	0.52
(2,7)	2:B:5:GLY:O	1:A:34:HIS:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HE1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:34:HIS:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:34:HIS:ND1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:34:HIS:NE2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:34:HIS:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:36:LEU:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:O	1:A:36:LEU:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HG	10	0.52
(2,7)	2:B:5:GLY:O	1:A:36:LEU:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:36:LEU:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:37:TYR:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CB	10	0.52
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CG	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CZ	10	0.52
(2,7)	2:B:5:GLY:O	1:A:37:TYR:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HH	10	0.52
(2,7)	2:B:5:GLY:O	1:A:37:TYR:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:37:TYR:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:37:TYR:OH	10	0.52
(2,7)	2:B:5:GLY:O	1:A:38:ASP:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CB	10	0.52
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CG	10	0.52
(2,7)	2:B:5:GLY:O	1:A:38:ASP:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:38:ASP:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:38:ASP:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:39:LEU:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CB	10	0.52
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CG	10	0.52
(2,7)	2:B:5:GLY:O	1:A:39:LEU:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD11	10	0.52
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD12	10	0.52
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD13	10	0.52
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD21	10	0.52
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD22	10	0.52
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD23	10	0.52
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HG	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:39:LEU:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:39:LEU:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:40:GLY:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:40:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:40:GLY:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:40:GLY:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:40:GLY:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:41:GLY:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:41:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:41:GLY:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:41:GLY:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:41:GLY:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:42:GLY:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:42:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:42:GLY:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:42:GLY:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:42:GLY:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:43:LYS:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CB	10	0.52
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CD	10	0.52
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CE	10	0.52
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CG	10	0.52
(2,7)	2:B:5:GLY:O	1:A:43:LYS:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ3	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:43:LYS:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:43:LYS:NZ	10	0.52
(2,7)	2:B:5:GLY:O	1:A:43:LYS:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:44:ALA:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CB	10	0.52
(2,7)	2:B:5:GLY:O	1:A:44:ALA:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:44:ALA:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:44:ALA:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:45:GLY:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:45:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:45:GLY:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:45:GLY:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:45:GLY:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:46:MET:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:46:MET:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:46:MET:CB	10	0.52
(2,7)	2:B:5:GLY:O	1:A:46:MET:CE	10	0.52
(2,7)	2:B:5:GLY:O	1:A:46:MET:CG	10	0.52
(2,7)	2:B:5:GLY:O	1:A:46:MET:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:46:MET:HA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:46:MET:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:46:MET:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:46:MET:SD	10	0.52
(2,7)	2:B:5:GLY:O	1:A:47:GLY:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:47:GLY:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:47:GLY:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA3	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:47:GLY:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:47:GLY:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:48:MET:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:48:MET:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:48:MET:CB	10	0.52
(2,7)	2:B:5:GLY:O	1:A:48:MET:CE	10	0.52
(2,7)	2:B:5:GLY:O	1:A:48:MET:CG	10	0.52
(2,7)	2:B:5:GLY:O	1:A:48:MET:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:48:MET:HA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:48:MET:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:48:MET:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:48:MET:SD	10	0.52
(2,7)	2:B:5:GLY:O	1:A:50:SER:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:50:SER:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:50:SER:CB	10	0.52
(2,7)	2:B:5:GLY:O	1:A:50:SER:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:50:SER:HA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:50:SER:HG	10	0.52
(2,7)	2:B:5:GLY:O	1:A:50:SER:N	10	0.52
(2,7)	2:B:5:GLY:O	1:A:50:SER:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:50:SER:OG	10	0.52
(2,7)	2:B:5:GLY:O	1:A:51:GLU:C	10	0.52
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CB	10	0.52
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CD	10	0.52
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CG	10	0.52
(2,7)	2:B:5:GLY:O	1:A:51:GLU:H	10	0.52
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HA	10	0.52
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG2	10	0.52
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG3	10	0.52
(2,7)	2:B:5:GLY:O	1:A:51:GLU:N	10	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:51:GLU:O	10	0.52
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE1	10	0.52
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE2	10	0.52
(2,3)	1:A:44:ALA:C	2:B:3:GLY:C	2	0.49
(2,3)	1:A:44:ALA:C	2:B:3:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:C	2:B:3:GLY:H	2	0.49
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:C	2:B:3:GLY:N	2	0.49
(2,3)	1:A:44:ALA:C	2:B:3:GLY:O	2	0.49
(2,3)	1:A:44:ALA:C	2:B:4:GLU:C	2	0.49
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:C	2:B:4:GLU:H	2	0.49
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:C	2:B:4:GLU:N	2	0.49
(2,3)	1:A:44:ALA:C	2:B:4:GLU:O	2	0.49
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:5:GLY:C	2	0.49
(2,3)	1:A:44:ALA:C	2:B:5:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:C	2:B:5:GLY:H	2	0.49
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:C	2:B:5:GLY:N	2	0.49
(2,3)	1:A:44:ALA:C	2:B:5:GLY:O	2	0.49
(2,3)	1:A:44:ALA:C	2:B:6:GLU:C	2	0.49
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:C	2:B:6:GLU:H	2	0.49
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG2	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:C	2:B:6:GLU:N	2	0.49
(2,3)	1:A:44:ALA:C	2:B:6:GLU:O	2	0.49
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:7:GLU:C	2	0.49
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:C	2:B:7:GLU:H	2	0.49
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:C	2:B:7:GLU:N	2	0.49
(2,3)	1:A:44:ALA:C	2:B:7:GLU:O	2	0.49
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:8:GLU:C	2	0.49
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:C	2:B:8:GLU:H	2	0.49
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:C	2:B:8:GLU:N	2	0.49
(2,3)	1:A:44:ALA:C	2:B:8:GLU:O	2	0.49
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:9:GLY:C	2	0.49
(2,3)	1:A:44:ALA:C	2:B:9:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:C	2:B:9:GLY:H	2	0.49
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:C	2:B:9:GLY:N	2	0.49
(2,3)	1:A:44:ALA:C	2:B:9:GLY:O	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:10:GLU:C	2	0.49
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:C	2:B:10:GLU:H	2	0.49
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:C	2:B:10:GLU:N	2	0.49
(2,3)	1:A:44:ALA:C	2:B:10:GLU:O	2	0.49
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:11:GLU:C	2	0.49
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:C	2:B:11:GLU:H	2	0.49
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:C	2:B:11:GLU:N	2	0.49
(2,3)	1:A:44:ALA:C	2:B:11:GLU:O	2	0.49
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:12:TYR:C	2	0.49
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CA	2	0.49
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CB	2	0.49
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD1	2	0.49
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE1	2	0.49
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CG	2	0.49
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CZ	2	0.49
(2,3)	1:A:44:ALA:C	2:B:12:TYR:H	2	0.49
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HA	2	0.49
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB2	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB3	2	0.49
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD1	2	0.49
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE1	2	0.49
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE2	2	0.49
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HH	2	0.49
(2,3)	1:A:44:ALA:C	2:B:12:TYR:N	2	0.49
(2,3)	1:A:44:ALA:C	2:B:12:TYR:O	2	0.49
(2,3)	1:A:44:ALA:C	2:B:12:TYR:OH	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:C	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:H	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:N	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:O	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:C	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:H	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:N	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:O	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:C	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:H	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:N	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:O	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:C	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CD	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:H	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:N	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:O	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:C	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:H	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:N	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:O	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:C	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:H	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:N	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:O	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:C	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:H	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:N	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:O	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:C	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:H	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:N	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:O	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:C	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:H	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:N	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:O	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:C	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CA	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CB	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD1	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE1	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CG	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CZ	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:H	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HA	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB3	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD1	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE1	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE2	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HH	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:N	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:O	2	0.49
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:OH	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:C	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:H	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:N	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:O	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:C	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:H	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:N	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:O	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:C	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:H	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA3	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:N	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:O	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:C	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:H	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:N	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:O	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:C	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:H	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:N	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:O	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:C	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:H	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG2	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:N	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:O	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:C	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:H	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:N	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:O	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:C	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:H	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:N	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:O	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:C	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:H	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:N	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:O	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE2	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:C	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CA	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CB	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD1	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE1	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CG	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CZ	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:H	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HA	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB3	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD1	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE1	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE2	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HH	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:N	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:O	2	0.49
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:OH	2	0.49
(2,3)	1:A:44:ALA:H	2:B:3:GLY:C	2	0.49
(2,3)	1:A:44:ALA:H	2:B:3:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:H	2:B:3:GLY:H	2	0.49
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:H	2:B:3:GLY:N	2	0.49
(2,3)	1:A:44:ALA:H	2:B:3:GLY:O	2	0.49
(2,3)	1:A:44:ALA:H	2:B:4:GLU:C	2	0.49
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:H	2:B:4:GLU:H	2	0.49
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:H	2:B:4:GLU:N	2	0.49
(2,3)	1:A:44:ALA:H	2:B:4:GLU:O	2	0.49
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE1	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:5:GLY:C	2	0.49
(2,3)	1:A:44:ALA:H	2:B:5:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:H	2:B:5:GLY:H	2	0.49
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:H	2:B:5:GLY:N	2	0.49
(2,3)	1:A:44:ALA:H	2:B:5:GLY:O	2	0.49
(2,3)	1:A:44:ALA:H	2:B:6:GLU:C	2	0.49
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:H	2:B:6:GLU:H	2	0.49
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:H	2:B:6:GLU:N	2	0.49
(2,3)	1:A:44:ALA:H	2:B:6:GLU:O	2	0.49
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:7:GLU:C	2	0.49
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:H	2:B:7:GLU:H	2	0.49
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:H	2:B:7:GLU:N	2	0.49
(2,3)	1:A:44:ALA:H	2:B:7:GLU:O	2	0.49
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:8:GLU:C	2	0.49
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CD	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:H	2:B:8:GLU:H	2	0.49
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:H	2:B:8:GLU:N	2	0.49
(2,3)	1:A:44:ALA:H	2:B:8:GLU:O	2	0.49
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:9:GLY:C	2	0.49
(2,3)	1:A:44:ALA:H	2:B:9:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:H	2:B:9:GLY:H	2	0.49
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:H	2:B:9:GLY:N	2	0.49
(2,3)	1:A:44:ALA:H	2:B:9:GLY:O	2	0.49
(2,3)	1:A:44:ALA:H	2:B:10:GLU:C	2	0.49
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:H	2:B:10:GLU:H	2	0.49
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:H	2:B:10:GLU:N	2	0.49
(2,3)	1:A:44:ALA:H	2:B:10:GLU:O	2	0.49
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:11:GLU:C	2	0.49
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:H	2:B:11:GLU:H	2	0.49
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB3	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:H	2:B:11:GLU:N	2	0.49
(2,3)	1:A:44:ALA:H	2:B:11:GLU:O	2	0.49
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:12:TYR:C	2	0.49
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CA	2	0.49
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CB	2	0.49
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD1	2	0.49
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE1	2	0.49
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CG	2	0.49
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CZ	2	0.49
(2,3)	1:A:44:ALA:H	2:B:12:TYR:H	2	0.49
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HA	2	0.49
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB3	2	0.49
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD1	2	0.49
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE1	2	0.49
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE2	2	0.49
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HH	2	0.49
(2,3)	1:A:44:ALA:H	2:B:12:TYR:N	2	0.49
(2,3)	1:A:44:ALA:H	2:B:12:TYR:O	2	0.49
(2,3)	1:A:44:ALA:H	2:B:12:TYR:OH	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:C	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:H	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:N	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:O	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB2	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:C	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:H	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:N	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:O	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:O	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:C	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:H	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:N	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:O	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CB	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:C	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CA	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CB	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD1	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE1	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CG	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CZ	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:H	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HA	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB3	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD1	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE1	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE2	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HH	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:N	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:O	2	0.49
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:OH	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:C	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:H	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:N	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:O	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CA	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:C	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:H	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:N	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:O	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HA	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:C	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:H	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:N	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:O	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:N	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:C	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CA	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CB	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD1	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE1	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CG	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CZ	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:H	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HA	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB3	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD1	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE1	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE2	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HH	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:N	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:O	2	0.49
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:OH	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:C	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:H	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:N	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:O	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:C	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:H	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:N	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:O	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:C	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:C	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:H	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:N	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:O	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:H	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:C	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CA	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CB	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD1	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE1	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CG	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CZ	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:H	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HA	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB3	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD1	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE1	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE2	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HH	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:N	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:O	2	0.49
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:OH	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:C	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:H	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:N	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:O	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:C	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:H	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:N	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:O	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG2	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:C	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:H	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:N	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:O	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:C	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:H	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:N	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:O	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:C	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CA	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CB	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD1	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE1	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CG	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CZ	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:H	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HA	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB2	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB3	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD1	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE1	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE2	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HH	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:N	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:O	2	0.49
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:OH	2	0.49
(2,3)	1:A:44:ALA:N	2:B:3:GLY:C	2	0.49
(2,3)	1:A:44:ALA:N	2:B:3:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:N	2:B:3:GLY:H	2	0.49
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:N	2:B:3:GLY:N	2	0.49
(2,3)	1:A:44:ALA:N	2:B:3:GLY:O	2	0.49
(2,3)	1:A:44:ALA:N	2:B:4:GLU:C	2	0.49
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:N	2:B:4:GLU:H	2	0.49
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:N	2:B:4:GLU:N	2	0.49
(2,3)	1:A:44:ALA:N	2:B:4:GLU:O	2	0.49
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:5:GLY:C	2	0.49
(2,3)	1:A:44:ALA:N	2:B:5:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:N	2:B:5:GLY:H	2	0.49
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:N	2:B:5:GLY:N	2	0.49
(2,3)	1:A:44:ALA:N	2:B:5:GLY:O	2	0.49
(2,3)	1:A:44:ALA:N	2:B:6:GLU:C	2	0.49
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CD	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:N	2:B:6:GLU:H	2	0.49
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:N	2:B:6:GLU:N	2	0.49
(2,3)	1:A:44:ALA:N	2:B:6:GLU:O	2	0.49
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:7:GLU:C	2	0.49
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:N	2:B:7:GLU:H	2	0.49
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:N	2:B:7:GLU:N	2	0.49
(2,3)	1:A:44:ALA:N	2:B:7:GLU:O	2	0.49
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:8:GLU:C	2	0.49
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:N	2:B:8:GLU:H	2	0.49
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:N	2:B:8:GLU:N	2	0.49
(2,3)	1:A:44:ALA:N	2:B:8:GLU:O	2	0.49
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:9:GLY:C	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:9:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:N	2:B:9:GLY:H	2	0.49
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:N	2:B:9:GLY:N	2	0.49
(2,3)	1:A:44:ALA:N	2:B:9:GLY:O	2	0.49
(2,3)	1:A:44:ALA:N	2:B:10:GLU:C	2	0.49
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:N	2:B:10:GLU:H	2	0.49
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:N	2:B:10:GLU:N	2	0.49
(2,3)	1:A:44:ALA:N	2:B:10:GLU:O	2	0.49
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:11:GLU:C	2	0.49
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:N	2:B:11:GLU:H	2	0.49
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:N	2:B:11:GLU:N	2	0.49
(2,3)	1:A:44:ALA:N	2:B:11:GLU:O	2	0.49
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:12:TYR:C	2	0.49
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CA	2	0.49
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CB	2	0.49
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD1	2	0.49
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE1	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CG	2	0.49
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CZ	2	0.49
(2,3)	1:A:44:ALA:N	2:B:12:TYR:H	2	0.49
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HA	2	0.49
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB3	2	0.49
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD1	2	0.49
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE1	2	0.49
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE2	2	0.49
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HH	2	0.49
(2,3)	1:A:44:ALA:N	2:B:12:TYR:N	2	0.49
(2,3)	1:A:44:ALA:N	2:B:12:TYR:O	2	0.49
(2,3)	1:A:44:ALA:N	2:B:12:TYR:OH	2	0.49
(2,3)	1:A:44:ALA:O	2:B:3:GLY:C	2	0.49
(2,3)	1:A:44:ALA:O	2:B:3:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:O	2:B:3:GLY:H	2	0.49
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:O	2:B:3:GLY:N	2	0.49
(2,3)	1:A:44:ALA:O	2:B:3:GLY:O	2	0.49
(2,3)	1:A:44:ALA:O	2:B:4:GLU:C	2	0.49
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:O	2:B:4:GLU:H	2	0.49
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:O	2:B:4:GLU:N	2	0.49
(2,3)	1:A:44:ALA:O	2:B:4:GLU:O	2	0.49
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:5:GLY:C	2	0.49
(2,3)	1:A:44:ALA:O	2:B:5:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:O	2:B:5:GLY:H	2	0.49
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA3	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:5:GLY:N	2	0.49
(2,3)	1:A:44:ALA:O	2:B:5:GLY:O	2	0.49
(2,3)	1:A:44:ALA:O	2:B:6:GLU:C	2	0.49
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:O	2:B:6:GLU:H	2	0.49
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:O	2:B:6:GLU:N	2	0.49
(2,3)	1:A:44:ALA:O	2:B:6:GLU:O	2	0.49
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:7:GLU:C	2	0.49
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:O	2:B:7:GLU:H	2	0.49
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:O	2:B:7:GLU:N	2	0.49
(2,3)	1:A:44:ALA:O	2:B:7:GLU:O	2	0.49
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:8:GLU:C	2	0.49
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:O	2:B:8:GLU:H	2	0.49
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG2	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:O	2:B:8:GLU:N	2	0.49
(2,3)	1:A:44:ALA:O	2:B:8:GLU:O	2	0.49
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:9:GLY:C	2	0.49
(2,3)	1:A:44:ALA:O	2:B:9:GLY:CA	2	0.49
(2,3)	1:A:44:ALA:O	2:B:9:GLY:H	2	0.49
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA3	2	0.49
(2,3)	1:A:44:ALA:O	2:B:9:GLY:N	2	0.49
(2,3)	1:A:44:ALA:O	2:B:9:GLY:O	2	0.49
(2,3)	1:A:44:ALA:O	2:B:10:GLU:C	2	0.49
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:O	2:B:10:GLU:H	2	0.49
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:O	2:B:10:GLU:N	2	0.49
(2,3)	1:A:44:ALA:O	2:B:10:GLU:O	2	0.49
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:11:GLU:C	2	0.49
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CA	2	0.49
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CB	2	0.49
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CD	2	0.49
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CG	2	0.49
(2,3)	1:A:44:ALA:O	2:B:11:GLU:H	2	0.49
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HA	2	0.49
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB3	2	0.49
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG3	2	0.49
(2,3)	1:A:44:ALA:O	2:B:11:GLU:N	2	0.49
(2,3)	1:A:44:ALA:O	2:B:11:GLU:O	2	0.49
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE1	2	0.49
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE2	2	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:12:TYR:C	2	0.49
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CA	2	0.49
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CB	2	0.49
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD1	2	0.49
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE1	2	0.49
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CG	2	0.49
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CZ	2	0.49
(2,3)	1:A:44:ALA:O	2:B:12:TYR:H	2	0.49
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HA	2	0.49
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB3	2	0.49
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD1	2	0.49
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE1	2	0.49
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE2	2	0.49
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HH	2	0.49
(2,3)	1:A:44:ALA:O	2:B:12:TYR:N	2	0.49
(2,3)	1:A:44:ALA:O	2:B:12:TYR:O	2	0.49
(2,3)	1:A:44:ALA:O	2:B:12:TYR:OH	2	0.49
(2,3)	1:A:44:ALA:C	2:B:3:GLY:C	9	0.48
(2,3)	1:A:44:ALA:C	2:B:3:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:C	2:B:3:GLY:H	9	0.48
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:C	2:B:3:GLY:N	9	0.48
(2,3)	1:A:44:ALA:C	2:B:3:GLY:O	9	0.48
(2,3)	1:A:44:ALA:C	2:B:4:GLU:C	9	0.48
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:C	2:B:4:GLU:H	9	0.48
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:C	2:B:4:GLU:N	9	0.48
(2,3)	1:A:44:ALA:C	2:B:4:GLU:O	9	0.48
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE1	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:5:GLY:C	9	0.48
(2,3)	1:A:44:ALA:C	2:B:5:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:C	2:B:5:GLY:H	9	0.48
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:C	2:B:5:GLY:N	9	0.48
(2,3)	1:A:44:ALA:C	2:B:5:GLY:O	9	0.48
(2,3)	1:A:44:ALA:C	2:B:6:GLU:C	9	0.48
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:C	2:B:6:GLU:H	9	0.48
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:C	2:B:6:GLU:N	9	0.48
(2,3)	1:A:44:ALA:C	2:B:6:GLU:O	9	0.48
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:7:GLU:C	9	0.48
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:C	2:B:7:GLU:H	9	0.48
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:C	2:B:7:GLU:N	9	0.48
(2,3)	1:A:44:ALA:C	2:B:7:GLU:O	9	0.48
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:8:GLU:C	9	0.48
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CD	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:C	2:B:8:GLU:H	9	0.48
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:C	2:B:8:GLU:N	9	0.48
(2,3)	1:A:44:ALA:C	2:B:8:GLU:O	9	0.48
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:9:GLY:C	9	0.48
(2,3)	1:A:44:ALA:C	2:B:9:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:C	2:B:9:GLY:H	9	0.48
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:C	2:B:9:GLY:N	9	0.48
(2,3)	1:A:44:ALA:C	2:B:9:GLY:O	9	0.48
(2,3)	1:A:44:ALA:C	2:B:10:GLU:C	9	0.48
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:C	2:B:10:GLU:H	9	0.48
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:C	2:B:10:GLU:N	9	0.48
(2,3)	1:A:44:ALA:C	2:B:10:GLU:O	9	0.48
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:11:GLU:C	9	0.48
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:C	2:B:11:GLU:H	9	0.48
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB3	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:C	2:B:11:GLU:N	9	0.48
(2,3)	1:A:44:ALA:C	2:B:11:GLU:O	9	0.48
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:12:TYR:C	9	0.48
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CA	9	0.48
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CB	9	0.48
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD1	9	0.48
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE1	9	0.48
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CG	9	0.48
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CZ	9	0.48
(2,3)	1:A:44:ALA:C	2:B:12:TYR:H	9	0.48
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HA	9	0.48
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB3	9	0.48
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD1	9	0.48
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE1	9	0.48
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE2	9	0.48
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HH	9	0.48
(2,3)	1:A:44:ALA:C	2:B:12:TYR:N	9	0.48
(2,3)	1:A:44:ALA:C	2:B:12:TYR:O	9	0.48
(2,3)	1:A:44:ALA:C	2:B:12:TYR:OH	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:C	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:H	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:N	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:O	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:C	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:H	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB2	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:N	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:O	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:C	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:H	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:N	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:O	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:C	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:H	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:N	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:O	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:C	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:H	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:N	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:O	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:C	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:H	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:N	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:O	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:C	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:H	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:N	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:O	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:C	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:H	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:N	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:O	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:C	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CB	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:H	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:N	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:O	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:C	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CA	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CB	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD1	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE1	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CG	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CZ	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:H	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HA	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB3	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD1	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE1	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE2	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HH	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:N	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:O	9	0.48
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:OH	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:C	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:H	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:N	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:O	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:C	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CA	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:H	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:N	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:O	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:C	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:H	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:N	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:O	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:C	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:H	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:N	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:O	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:C	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:H	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HA	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:N	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:O	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:C	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:H	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:N	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:O	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:C	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:H	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:N	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:O	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:C	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:H	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:N	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:O	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:C	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:H	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:N	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:O	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:C	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CA	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CB	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD1	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE1	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CG	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CZ	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:H	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HA	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB3	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD1	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE1	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE2	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HH	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:N	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:O	9	0.48
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:OH	9	0.48
(2,3)	1:A:44:ALA:H	2:B:3:GLY:C	9	0.48
(2,3)	1:A:44:ALA:H	2:B:3:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:H	2:B:3:GLY:H	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:H	2:B:3:GLY:N	9	0.48
(2,3)	1:A:44:ALA:H	2:B:3:GLY:O	9	0.48
(2,3)	1:A:44:ALA:H	2:B:4:GLU:C	9	0.48
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:H	2:B:4:GLU:H	9	0.48
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:H	2:B:4:GLU:N	9	0.48
(2,3)	1:A:44:ALA:H	2:B:4:GLU:O	9	0.48
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:5:GLY:C	9	0.48
(2,3)	1:A:44:ALA:H	2:B:5:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:H	2:B:5:GLY:H	9	0.48
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:H	2:B:5:GLY:N	9	0.48
(2,3)	1:A:44:ALA:H	2:B:5:GLY:O	9	0.48
(2,3)	1:A:44:ALA:H	2:B:6:GLU:C	9	0.48
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:H	2:B:6:GLU:H	9	0.48
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:H	2:B:6:GLU:N	9	0.48
(2,3)	1:A:44:ALA:H	2:B:6:GLU:O	9	0.48
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:7:GLU:C	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:H	2:B:7:GLU:H	9	0.48
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:H	2:B:7:GLU:N	9	0.48
(2,3)	1:A:44:ALA:H	2:B:7:GLU:O	9	0.48
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:8:GLU:C	9	0.48
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:H	2:B:8:GLU:H	9	0.48
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:H	2:B:8:GLU:N	9	0.48
(2,3)	1:A:44:ALA:H	2:B:8:GLU:O	9	0.48
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:9:GLY:C	9	0.48
(2,3)	1:A:44:ALA:H	2:B:9:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:H	2:B:9:GLY:H	9	0.48
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:H	2:B:9:GLY:N	9	0.48
(2,3)	1:A:44:ALA:H	2:B:9:GLY:O	9	0.48
(2,3)	1:A:44:ALA:H	2:B:10:GLU:C	9	0.48
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:H	2:B:10:GLU:H	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:H	2:B:10:GLU:N	9	0.48
(2,3)	1:A:44:ALA:H	2:B:10:GLU:O	9	0.48
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:11:GLU:C	9	0.48
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:H	2:B:11:GLU:H	9	0.48
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:H	2:B:11:GLU:N	9	0.48
(2,3)	1:A:44:ALA:H	2:B:11:GLU:O	9	0.48
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:12:TYR:C	9	0.48
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CA	9	0.48
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CB	9	0.48
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD1	9	0.48
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE1	9	0.48
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CG	9	0.48
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CZ	9	0.48
(2,3)	1:A:44:ALA:H	2:B:12:TYR:H	9	0.48
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HA	9	0.48
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB3	9	0.48
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD1	9	0.48
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE1	9	0.48
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE2	9	0.48
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HH	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:12:TYR:N	9	0.48
(2,3)	1:A:44:ALA:H	2:B:12:TYR:O	9	0.48
(2,3)	1:A:44:ALA:H	2:B:12:TYR:OH	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:C	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:H	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:N	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:O	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:C	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:H	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:N	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:O	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG2	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:C	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:H	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:N	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:O	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:C	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CA	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CB	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD1	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE1	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CG	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CZ	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:H	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HA	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB2	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB3	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD1	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE1	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE2	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HH	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:N	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:O	9	0.48
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:OH	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:C	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:H	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:N	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:O	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:C	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:H	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:N	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:O	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CD	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:C	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:H	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:N	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:O	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:C	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CA	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CB	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD1	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE1	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CG	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CZ	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:H	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HA	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB3	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD1	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE1	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE2	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HH	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:N	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:O	9	0.48
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:OH	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:C	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:H	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:N	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:O	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:C	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:H	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA3	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:N	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:O	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG2	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:C	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:H	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:N	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:O	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE2	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:C	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CA	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CB	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD1	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE1	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CG	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CZ	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:H	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HA	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB3	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD1	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE1	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE2	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HH	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:N	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:O	9	0.48
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:OH	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:C	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:H	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:N	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:O	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE1	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:C	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:H	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:N	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:O	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CD	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:C	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:H	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:N	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:O	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:C	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:H	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB3	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:N	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:O	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:C	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CA	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CB	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD1	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE1	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CG	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CZ	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:H	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HA	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB3	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD1	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE1	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE2	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HH	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:N	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:O	9	0.48
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:OH	9	0.48
(2,3)	1:A:44:ALA:N	2:B:3:GLY:C	9	0.48
(2,3)	1:A:44:ALA:N	2:B:3:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:N	2:B:3:GLY:H	9	0.48
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:N	2:B:3:GLY:N	9	0.48
(2,3)	1:A:44:ALA:N	2:B:3:GLY:O	9	0.48
(2,3)	1:A:44:ALA:N	2:B:4:GLU:C	9	0.48
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:N	2:B:4:GLU:H	9	0.48
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB2	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:N	2:B:4:GLU:N	9	0.48
(2,3)	1:A:44:ALA:N	2:B:4:GLU:O	9	0.48
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:5:GLY:C	9	0.48
(2,3)	1:A:44:ALA:N	2:B:5:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:N	2:B:5:GLY:H	9	0.48
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:N	2:B:5:GLY:N	9	0.48
(2,3)	1:A:44:ALA:N	2:B:5:GLY:O	9	0.48
(2,3)	1:A:44:ALA:N	2:B:6:GLU:C	9	0.48
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:N	2:B:6:GLU:H	9	0.48
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:N	2:B:6:GLU:N	9	0.48
(2,3)	1:A:44:ALA:N	2:B:6:GLU:O	9	0.48
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:7:GLU:C	9	0.48
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:N	2:B:7:GLU:H	9	0.48
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:N	2:B:7:GLU:N	9	0.48
(2,3)	1:A:44:ALA:N	2:B:7:GLU:O	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:8:GLU:C	9	0.48
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:N	2:B:8:GLU:H	9	0.48
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:N	2:B:8:GLU:N	9	0.48
(2,3)	1:A:44:ALA:N	2:B:8:GLU:O	9	0.48
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:9:GLY:C	9	0.48
(2,3)	1:A:44:ALA:N	2:B:9:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:N	2:B:9:GLY:H	9	0.48
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:N	2:B:9:GLY:N	9	0.48
(2,3)	1:A:44:ALA:N	2:B:9:GLY:O	9	0.48
(2,3)	1:A:44:ALA:N	2:B:10:GLU:C	9	0.48
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:N	2:B:10:GLU:H	9	0.48
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:N	2:B:10:GLU:N	9	0.48
(2,3)	1:A:44:ALA:N	2:B:10:GLU:O	9	0.48
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:11:GLU:C	9	0.48
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CB	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:N	2:B:11:GLU:H	9	0.48
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:N	2:B:11:GLU:N	9	0.48
(2,3)	1:A:44:ALA:N	2:B:11:GLU:O	9	0.48
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:12:TYR:C	9	0.48
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CA	9	0.48
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CB	9	0.48
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD1	9	0.48
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE1	9	0.48
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CG	9	0.48
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CZ	9	0.48
(2,3)	1:A:44:ALA:N	2:B:12:TYR:H	9	0.48
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HA	9	0.48
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB3	9	0.48
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD1	9	0.48
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE1	9	0.48
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE2	9	0.48
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HH	9	0.48
(2,3)	1:A:44:ALA:N	2:B:12:TYR:N	9	0.48
(2,3)	1:A:44:ALA:N	2:B:12:TYR:O	9	0.48
(2,3)	1:A:44:ALA:N	2:B:12:TYR:OH	9	0.48
(2,3)	1:A:44:ALA:O	2:B:3:GLY:C	9	0.48
(2,3)	1:A:44:ALA:O	2:B:3:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:O	2:B:3:GLY:H	9	0.48
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:O	2:B:3:GLY:N	9	0.48
(2,3)	1:A:44:ALA:O	2:B:3:GLY:O	9	0.48
(2,3)	1:A:44:ALA:O	2:B:4:GLU:C	9	0.48
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CA	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:O	2:B:4:GLU:H	9	0.48
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:O	2:B:4:GLU:N	9	0.48
(2,3)	1:A:44:ALA:O	2:B:4:GLU:O	9	0.48
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:5:GLY:C	9	0.48
(2,3)	1:A:44:ALA:O	2:B:5:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:O	2:B:5:GLY:H	9	0.48
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:O	2:B:5:GLY:N	9	0.48
(2,3)	1:A:44:ALA:O	2:B:5:GLY:O	9	0.48
(2,3)	1:A:44:ALA:O	2:B:6:GLU:C	9	0.48
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:O	2:B:6:GLU:H	9	0.48
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:O	2:B:6:GLU:N	9	0.48
(2,3)	1:A:44:ALA:O	2:B:6:GLU:O	9	0.48
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:7:GLU:C	9	0.48
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:O	2:B:7:GLU:H	9	0.48
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HA	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:O	2:B:7:GLU:N	9	0.48
(2,3)	1:A:44:ALA:O	2:B:7:GLU:O	9	0.48
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:8:GLU:C	9	0.48
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:O	2:B:8:GLU:H	9	0.48
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:O	2:B:8:GLU:N	9	0.48
(2,3)	1:A:44:ALA:O	2:B:8:GLU:O	9	0.48
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:9:GLY:C	9	0.48
(2,3)	1:A:44:ALA:O	2:B:9:GLY:CA	9	0.48
(2,3)	1:A:44:ALA:O	2:B:9:GLY:H	9	0.48
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA3	9	0.48
(2,3)	1:A:44:ALA:O	2:B:9:GLY:N	9	0.48
(2,3)	1:A:44:ALA:O	2:B:9:GLY:O	9	0.48
(2,3)	1:A:44:ALA:O	2:B:10:GLU:C	9	0.48
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:O	2:B:10:GLU:H	9	0.48
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:O	2:B:10:GLU:N	9	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:10:GLU:O	9	0.48
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:11:GLU:C	9	0.48
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CA	9	0.48
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CB	9	0.48
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CD	9	0.48
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CG	9	0.48
(2,3)	1:A:44:ALA:O	2:B:11:GLU:H	9	0.48
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HA	9	0.48
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB3	9	0.48
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG3	9	0.48
(2,3)	1:A:44:ALA:O	2:B:11:GLU:N	9	0.48
(2,3)	1:A:44:ALA:O	2:B:11:GLU:O	9	0.48
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE1	9	0.48
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:12:TYR:C	9	0.48
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CA	9	0.48
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CB	9	0.48
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD1	9	0.48
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE1	9	0.48
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CG	9	0.48
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CZ	9	0.48
(2,3)	1:A:44:ALA:O	2:B:12:TYR:H	9	0.48
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HA	9	0.48
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB3	9	0.48
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD1	9	0.48
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE1	9	0.48
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE2	9	0.48
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HH	9	0.48
(2,3)	1:A:44:ALA:O	2:B:12:TYR:N	9	0.48
(2,3)	1:A:44:ALA:O	2:B:12:TYR:O	9	0.48
(2,3)	1:A:44:ALA:O	2:B:12:TYR:OH	9	0.48
(2,3)	1:A:44:ALA:C	2:B:3:GLY:C	15	0.46
(2,3)	1:A:44:ALA:C	2:B:3:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:C	2:B:3:GLY:H	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:C	2:B:3:GLY:N	15	0.46
(2,3)	1:A:44:ALA:C	2:B:3:GLY:O	15	0.46
(2,3)	1:A:44:ALA:C	2:B:4:GLU:C	15	0.46
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:C	2:B:4:GLU:H	15	0.46
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:C	2:B:4:GLU:N	15	0.46
(2,3)	1:A:44:ALA:C	2:B:4:GLU:O	15	0.46
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:5:GLY:C	15	0.46
(2,3)	1:A:44:ALA:C	2:B:5:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:C	2:B:5:GLY:H	15	0.46
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:C	2:B:5:GLY:N	15	0.46
(2,3)	1:A:44:ALA:C	2:B:5:GLY:O	15	0.46
(2,3)	1:A:44:ALA:C	2:B:6:GLU:C	15	0.46
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:C	2:B:6:GLU:H	15	0.46
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:C	2:B:6:GLU:N	15	0.46
(2,3)	1:A:44:ALA:C	2:B:6:GLU:O	15	0.46
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:7:GLU:C	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:C	2:B:7:GLU:H	15	0.46
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:C	2:B:7:GLU:N	15	0.46
(2,3)	1:A:44:ALA:C	2:B:7:GLU:O	15	0.46
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:8:GLU:C	15	0.46
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:C	2:B:8:GLU:H	15	0.46
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:C	2:B:8:GLU:N	15	0.46
(2,3)	1:A:44:ALA:C	2:B:8:GLU:O	15	0.46
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:9:GLY:C	15	0.46
(2,3)	1:A:44:ALA:C	2:B:9:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:C	2:B:9:GLY:H	15	0.46
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:C	2:B:9:GLY:N	15	0.46
(2,3)	1:A:44:ALA:C	2:B:9:GLY:O	15	0.46
(2,3)	1:A:44:ALA:C	2:B:10:GLU:C	15	0.46
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:C	2:B:10:GLU:H	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:C	2:B:10:GLU:N	15	0.46
(2,3)	1:A:44:ALA:C	2:B:10:GLU:O	15	0.46
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:11:GLU:C	15	0.46
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:C	2:B:11:GLU:H	15	0.46
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:C	2:B:11:GLU:N	15	0.46
(2,3)	1:A:44:ALA:C	2:B:11:GLU:O	15	0.46
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:12:TYR:C	15	0.46
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CA	15	0.46
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CB	15	0.46
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD1	15	0.46
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE1	15	0.46
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CG	15	0.46
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CZ	15	0.46
(2,3)	1:A:44:ALA:C	2:B:12:TYR:H	15	0.46
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HA	15	0.46
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB3	15	0.46
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD1	15	0.46
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE1	15	0.46
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE2	15	0.46
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HH	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:12:TYR:N	15	0.46
(2,3)	1:A:44:ALA:C	2:B:12:TYR:O	15	0.46
(2,3)	1:A:44:ALA:C	2:B:12:TYR:OH	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:C	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:H	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:N	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:O	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:C	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:H	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:N	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:O	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:C	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:H	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:N	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:O	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:C	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:H	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG2	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:N	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:O	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:C	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:H	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:N	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:O	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:C	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:H	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:N	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:O	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:C	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:H	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:N	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:O	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:C	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:H	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:N	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:O	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:C	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:H	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:N	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:O	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:C	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CA	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CB	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD1	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE1	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CG	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CZ	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:H	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HA	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB2	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB3	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD1	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE1	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE2	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HH	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:N	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:O	15	0.46
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:OH	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:C	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:H	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:N	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:O	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:C	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:H	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:N	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:O	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:C	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:H	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:N	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:O	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:C	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CD	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:H	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:N	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:O	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:C	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:H	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:N	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:O	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:C	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:H	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:N	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:O	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:C	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:H	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:N	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:O	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:C	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:H	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:N	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:O	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:C	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:H	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:N	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:O	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:C	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CA	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CB	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD1	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE1	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CG	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CZ	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:H	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HA	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB3	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD1	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE1	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE2	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HH	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:N	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:O	15	0.46
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:OH	15	0.46
(2,3)	1:A:44:ALA:H	2:B:3:GLY:C	15	0.46
(2,3)	1:A:44:ALA:H	2:B:3:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:H	2:B:3:GLY:H	15	0.46
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:H	2:B:3:GLY:N	15	0.46
(2,3)	1:A:44:ALA:H	2:B:3:GLY:O	15	0.46
(2,3)	1:A:44:ALA:H	2:B:4:GLU:C	15	0.46
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:H	2:B:4:GLU:H	15	0.46
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:H	2:B:4:GLU:N	15	0.46
(2,3)	1:A:44:ALA:H	2:B:4:GLU:O	15	0.46
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:5:GLY:C	15	0.46
(2,3)	1:A:44:ALA:H	2:B:5:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:H	2:B:5:GLY:H	15	0.46
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA3	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:5:GLY:N	15	0.46
(2,3)	1:A:44:ALA:H	2:B:5:GLY:O	15	0.46
(2,3)	1:A:44:ALA:H	2:B:6:GLU:C	15	0.46
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:H	2:B:6:GLU:H	15	0.46
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:H	2:B:6:GLU:N	15	0.46
(2,3)	1:A:44:ALA:H	2:B:6:GLU:O	15	0.46
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:7:GLU:C	15	0.46
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:H	2:B:7:GLU:H	15	0.46
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:H	2:B:7:GLU:N	15	0.46
(2,3)	1:A:44:ALA:H	2:B:7:GLU:O	15	0.46
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:8:GLU:C	15	0.46
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:H	2:B:8:GLU:H	15	0.46
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG2	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:H	2:B:8:GLU:N	15	0.46
(2,3)	1:A:44:ALA:H	2:B:8:GLU:O	15	0.46
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:9:GLY:C	15	0.46
(2,3)	1:A:44:ALA:H	2:B:9:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:H	2:B:9:GLY:H	15	0.46
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:H	2:B:9:GLY:N	15	0.46
(2,3)	1:A:44:ALA:H	2:B:9:GLY:O	15	0.46
(2,3)	1:A:44:ALA:H	2:B:10:GLU:C	15	0.46
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:H	2:B:10:GLU:H	15	0.46
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:H	2:B:10:GLU:N	15	0.46
(2,3)	1:A:44:ALA:H	2:B:10:GLU:O	15	0.46
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:11:GLU:C	15	0.46
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:H	2:B:11:GLU:H	15	0.46
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:H	2:B:11:GLU:N	15	0.46
(2,3)	1:A:44:ALA:H	2:B:11:GLU:O	15	0.46
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE2	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:12:TYR:C	15	0.46
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CA	15	0.46
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CB	15	0.46
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD1	15	0.46
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE1	15	0.46
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CG	15	0.46
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CZ	15	0.46
(2,3)	1:A:44:ALA:H	2:B:12:TYR:H	15	0.46
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HA	15	0.46
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB3	15	0.46
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD1	15	0.46
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE1	15	0.46
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE2	15	0.46
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HH	15	0.46
(2,3)	1:A:44:ALA:H	2:B:12:TYR:N	15	0.46
(2,3)	1:A:44:ALA:H	2:B:12:TYR:O	15	0.46
(2,3)	1:A:44:ALA:H	2:B:12:TYR:OH	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:C	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:H	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:N	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:O	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE1	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:C	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:H	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:N	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:O	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CD	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:C	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:H	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:N	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:O	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB3	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:C	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CA	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CB	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD1	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE1	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CG	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CZ	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:H	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HA	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB3	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD1	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE1	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE2	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HH	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:N	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:O	15	0.46
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:OH	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:C	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:H	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:N	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:O	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB2	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:C	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:H	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:N	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:O	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:O	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:C	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:H	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:N	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:O	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CB	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:C	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CA	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CB	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD1	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE1	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CG	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CZ	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:H	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HA	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB3	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD1	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE1	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE2	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HH	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:N	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:O	15	0.46
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:OH	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:C	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:H	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:N	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:O	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CA	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:C	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:H	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:N	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:O	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HA	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:C	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:H	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:N	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:O	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:N	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:C	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CA	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CB	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD1	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE1	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CG	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CZ	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:H	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HA	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB3	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD1	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE1	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE2	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HH	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:N	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:O	15	0.46
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:OH	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:C	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:H	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:N	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:O	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:C	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:H	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:N	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:O	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:C	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:C	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:H	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:N	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:O	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:H	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:C	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:H	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:N	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:O	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:C	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CA	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CB	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD1	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE1	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CG	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CZ	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:H	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HA	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB3	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD1	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE1	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE2	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HH	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:N	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:O	15	0.46
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:OH	15	0.46
(2,3)	1:A:44:ALA:N	2:B:3:GLY:C	15	0.46
(2,3)	1:A:44:ALA:N	2:B:3:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:N	2:B:3:GLY:H	15	0.46
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:N	2:B:3:GLY:N	15	0.46
(2,3)	1:A:44:ALA:N	2:B:3:GLY:O	15	0.46
(2,3)	1:A:44:ALA:N	2:B:4:GLU:C	15	0.46
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:N	2:B:4:GLU:H	15	0.46
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:N	2:B:4:GLU:N	15	0.46
(2,3)	1:A:44:ALA:N	2:B:4:GLU:O	15	0.46
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:5:GLY:C	15	0.46
(2,3)	1:A:44:ALA:N	2:B:5:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:N	2:B:5:GLY:H	15	0.46
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:N	2:B:5:GLY:N	15	0.46
(2,3)	1:A:44:ALA:N	2:B:5:GLY:O	15	0.46
(2,3)	1:A:44:ALA:N	2:B:6:GLU:C	15	0.46
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:N	2:B:6:GLU:H	15	0.46
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG2	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:N	2:B:6:GLU:N	15	0.46
(2,3)	1:A:44:ALA:N	2:B:6:GLU:O	15	0.46
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:7:GLU:C	15	0.46
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:N	2:B:7:GLU:H	15	0.46
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:N	2:B:7:GLU:N	15	0.46
(2,3)	1:A:44:ALA:N	2:B:7:GLU:O	15	0.46
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:8:GLU:C	15	0.46
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:N	2:B:8:GLU:H	15	0.46
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:N	2:B:8:GLU:N	15	0.46
(2,3)	1:A:44:ALA:N	2:B:8:GLU:O	15	0.46
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:9:GLY:C	15	0.46
(2,3)	1:A:44:ALA:N	2:B:9:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:N	2:B:9:GLY:H	15	0.46
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:N	2:B:9:GLY:N	15	0.46
(2,3)	1:A:44:ALA:N	2:B:9:GLY:O	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:10:GLU:C	15	0.46
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:N	2:B:10:GLU:H	15	0.46
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:N	2:B:10:GLU:N	15	0.46
(2,3)	1:A:44:ALA:N	2:B:10:GLU:O	15	0.46
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:11:GLU:C	15	0.46
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:N	2:B:11:GLU:H	15	0.46
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:N	2:B:11:GLU:N	15	0.46
(2,3)	1:A:44:ALA:N	2:B:11:GLU:O	15	0.46
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:12:TYR:C	15	0.46
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CA	15	0.46
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CB	15	0.46
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD1	15	0.46
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE1	15	0.46
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CG	15	0.46
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CZ	15	0.46
(2,3)	1:A:44:ALA:N	2:B:12:TYR:H	15	0.46
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HA	15	0.46
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB2	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB3	15	0.46
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD1	15	0.46
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE1	15	0.46
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE2	15	0.46
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HH	15	0.46
(2,3)	1:A:44:ALA:N	2:B:12:TYR:N	15	0.46
(2,3)	1:A:44:ALA:N	2:B:12:TYR:O	15	0.46
(2,3)	1:A:44:ALA:N	2:B:12:TYR:OH	15	0.46
(2,3)	1:A:44:ALA:O	2:B:3:GLY:C	15	0.46
(2,3)	1:A:44:ALA:O	2:B:3:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:O	2:B:3:GLY:H	15	0.46
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:O	2:B:3:GLY:N	15	0.46
(2,3)	1:A:44:ALA:O	2:B:3:GLY:O	15	0.46
(2,3)	1:A:44:ALA:O	2:B:4:GLU:C	15	0.46
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:O	2:B:4:GLU:H	15	0.46
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:O	2:B:4:GLU:N	15	0.46
(2,3)	1:A:44:ALA:O	2:B:4:GLU:O	15	0.46
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:5:GLY:C	15	0.46
(2,3)	1:A:44:ALA:O	2:B:5:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:O	2:B:5:GLY:H	15	0.46
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:O	2:B:5:GLY:N	15	0.46
(2,3)	1:A:44:ALA:O	2:B:5:GLY:O	15	0.46
(2,3)	1:A:44:ALA:O	2:B:6:GLU:C	15	0.46
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CD	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:O	2:B:6:GLU:H	15	0.46
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:O	2:B:6:GLU:N	15	0.46
(2,3)	1:A:44:ALA:O	2:B:6:GLU:O	15	0.46
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:7:GLU:C	15	0.46
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:O	2:B:7:GLU:H	15	0.46
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:O	2:B:7:GLU:N	15	0.46
(2,3)	1:A:44:ALA:O	2:B:7:GLU:O	15	0.46
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:8:GLU:C	15	0.46
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:O	2:B:8:GLU:H	15	0.46
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:O	2:B:8:GLU:N	15	0.46
(2,3)	1:A:44:ALA:O	2:B:8:GLU:O	15	0.46
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:9:GLY:C	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:9:GLY:CA	15	0.46
(2,3)	1:A:44:ALA:O	2:B:9:GLY:H	15	0.46
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA3	15	0.46
(2,3)	1:A:44:ALA:O	2:B:9:GLY:N	15	0.46
(2,3)	1:A:44:ALA:O	2:B:9:GLY:O	15	0.46
(2,3)	1:A:44:ALA:O	2:B:10:GLU:C	15	0.46
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:O	2:B:10:GLU:H	15	0.46
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:O	2:B:10:GLU:N	15	0.46
(2,3)	1:A:44:ALA:O	2:B:10:GLU:O	15	0.46
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:11:GLU:C	15	0.46
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CA	15	0.46
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CB	15	0.46
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CD	15	0.46
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CG	15	0.46
(2,3)	1:A:44:ALA:O	2:B:11:GLU:H	15	0.46
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HA	15	0.46
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB3	15	0.46
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG3	15	0.46
(2,3)	1:A:44:ALA:O	2:B:11:GLU:N	15	0.46
(2,3)	1:A:44:ALA:O	2:B:11:GLU:O	15	0.46
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE1	15	0.46
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:12:TYR:C	15	0.46
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CA	15	0.46
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CB	15	0.46
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD1	15	0.46
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE1	15	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CG	15	0.46
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CZ	15	0.46
(2,3)	1:A:44:ALA:O	2:B:12:TYR:H	15	0.46
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HA	15	0.46
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB3	15	0.46
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD1	15	0.46
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE1	15	0.46
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE2	15	0.46
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HH	15	0.46
(2,3)	1:A:44:ALA:O	2:B:12:TYR:N	15	0.46
(2,3)	1:A:44:ALA:O	2:B:12:TYR:O	15	0.46
(2,3)	1:A:44:ALA:O	2:B:12:TYR:OH	15	0.46
(2,7)	2:B:5:GLY:C	1:A:10:LYS:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:10:LYS:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:10:LYS:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:10:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:C	1:A:10:LYS:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:11:TYR:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CB	7	0.45
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD2	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CZ	7	0.45
(2,7)	2:B:5:GLY:C	1:A:11:TYR:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HH	7	0.45
(2,7)	2:B:5:GLY:C	1:A:11:TYR:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:11:TYR:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:11:TYR:OH	7	0.45
(2,7)	2:B:5:GLY:C	1:A:12:LYS:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:12:LYS:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:12:LYS:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:12:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:C	1:A:12:LYS:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:16:LYS:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CD	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:16:LYS:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:16:LYS:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:16:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:C	1:A:16:LYS:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:24:LEU:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:24:LEU:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:24:LEU:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:24:LEU:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:27:GLY:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:27:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:27:GLY:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA3	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:27:GLY:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:27:GLY:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CB	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CD	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CZ	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HE	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH11	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH12	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH21	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH22	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NE	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:28:ARG:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:29:TYR:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CB	7	0.45
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CZ	7	0.45
(2,7)	2:B:5:GLY:C	1:A:29:TYR:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE1	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HH	7	0.45
(2,7)	2:B:5:GLY:C	1:A:29:TYR:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:29:TYR:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:29:TYR:OH	7	0.45
(2,7)	2:B:5:GLY:C	1:A:30:GLY:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:30:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:30:GLY:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:30:GLY:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:30:GLY:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:31:LYS:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:31:LYS:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:31:LYS:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:31:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:C	1:A:31:LYS:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:32:LEU:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:32:LEU:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HA	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:32:LEU:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:32:LEU:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:34:HIS:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CB	7	0.45
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CD2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CE1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:34:HIS:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HE1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:34:HIS:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:34:HIS:ND1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:34:HIS:NE2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:34:HIS:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:36:LEU:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:36:LEU:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD21	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:36:LEU:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:36:LEU:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:37:TYR:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CB	7	0.45
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CZ	7	0.45
(2,7)	2:B:5:GLY:C	1:A:37:TYR:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HH	7	0.45
(2,7)	2:B:5:GLY:C	1:A:37:TYR:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:37:TYR:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:37:TYR:OH	7	0.45
(2,7)	2:B:5:GLY:C	1:A:38:ASP:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CB	7	0.45
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:38:ASP:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:38:ASP:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:38:ASP:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:39:LEU:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD1	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:39:LEU:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:39:LEU:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:39:LEU:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:40:GLY:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:40:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:40:GLY:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:40:GLY:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:40:GLY:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:41:GLY:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:41:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:41:GLY:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:41:GLY:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:41:GLY:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:42:GLY:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:42:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:42:GLY:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:42:GLY:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:42:GLY:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:43:LYS:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CG	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:43:LYS:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:43:LYS:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:43:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:C	1:A:43:LYS:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:44:ALA:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CB	7	0.45
(2,7)	2:B:5:GLY:C	1:A:44:ALA:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:44:ALA:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:44:ALA:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:45:GLY:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:45:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:45:GLY:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:45:GLY:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:45:GLY:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:46:MET:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:46:MET:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:46:MET:CB	7	0.45
(2,7)	2:B:5:GLY:C	1:A:46:MET:CE	7	0.45
(2,7)	2:B:5:GLY:C	1:A:46:MET:CG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:46:MET:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:46:MET:HA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB3	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:46:MET:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:46:MET:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:46:MET:SD	7	0.45
(2,7)	2:B:5:GLY:C	1:A:47:GLY:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:47:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:47:GLY:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:47:GLY:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:47:GLY:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:48:MET:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:48:MET:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:48:MET:CB	7	0.45
(2,7)	2:B:5:GLY:C	1:A:48:MET:CE	7	0.45
(2,7)	2:B:5:GLY:C	1:A:48:MET:CG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:48:MET:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:48:MET:HA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:48:MET:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:48:MET:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:48:MET:SD	7	0.45
(2,7)	2:B:5:GLY:C	1:A:50:SER:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:50:SER:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:50:SER:CB	7	0.45
(2,7)	2:B:5:GLY:C	1:A:50:SER:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:50:SER:HA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:50:SER:HG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:50:SER:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:50:SER:O	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:50:SER:OG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:51:GLU:C	7	0.45
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CB	7	0.45
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CD	7	0.45
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CG	7	0.45
(2,7)	2:B:5:GLY:C	1:A:51:GLU:H	7	0.45
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HA	7	0.45
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG2	7	0.45
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG3	7	0.45
(2,7)	2:B:5:GLY:C	1:A:51:GLU:N	7	0.45
(2,7)	2:B:5:GLY:C	1:A:51:GLU:O	7	0.45
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE1	7	0.45
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CB	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD1	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CZ	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HH	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:OH	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CB	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA2	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CB	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CD	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CZ	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HE	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH11	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH12	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH21	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH22	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NE	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CB	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CZ	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD2	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HH	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:OH	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:H	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CB	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CD2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CE1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HE1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:ND1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:NE2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD13	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CB	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CZ	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HH	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:OH	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CB	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CB	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CE	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CB	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:46:MET:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CB	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CE	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:46:MET:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB2	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:46:MET:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:46:MET:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:46:MET:SD	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:48:MET:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CB	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CE	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:48:MET:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:48:MET:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:48:MET:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:48:MET:SD	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:50:SER:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CB	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:50:SER:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:50:SER:N	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:50:SER:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:50:SER:OG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:C	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CB	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CD	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CG	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:H	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HA	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG2	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG3	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:N	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:O	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE1	7	0.45
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:10:LYS:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:H	1:A:10:LYS:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:10:LYS:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:10:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:H	1:A:10:LYS:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:11:TYR:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CB	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CG	7	0.45
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CZ	7	0.45
(2,7)	2:B:5:GLY:H	1:A:11:TYR:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HH	7	0.45
(2,7)	2:B:5:GLY:H	1:A:11:TYR:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:11:TYR:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:11:TYR:OH	7	0.45
(2,7)	2:B:5:GLY:H	1:A:12:LYS:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:H	1:A:12:LYS:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:12:LYS:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:12:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:H	1:A:12:LYS:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:16:LYS:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CA	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:H	1:A:16:LYS:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:16:LYS:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:16:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:H	1:A:16:LYS:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:24:LEU:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:H	1:A:24:LEU:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:H	1:A:24:LEU:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:24:LEU:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:27:GLY:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:27:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:27:GLY:H	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:27:GLY:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:27:GLY:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CB	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CD	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CG	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CZ	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HE	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH11	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH12	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH21	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH22	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NE	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:28:ARG:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:29:TYR:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CB	7	0.45
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CG	7	0.45
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CZ	7	0.45
(2,7)	2:B:5:GLY:H	1:A:29:TYR:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD1	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HH	7	0.45
(2,7)	2:B:5:GLY:H	1:A:29:TYR:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:29:TYR:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:29:TYR:OH	7	0.45
(2,7)	2:B:5:GLY:H	1:A:30:GLY:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:30:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:30:GLY:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:30:GLY:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:30:GLY:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:31:LYS:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:H	1:A:31:LYS:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:31:LYS:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:31:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:H	1:A:31:LYS:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:32:LEU:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CG	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:32:LEU:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:H	1:A:32:LEU:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:32:LEU:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:34:HIS:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CB	7	0.45
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CD2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CE1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CG	7	0.45
(2,7)	2:B:5:GLY:H	1:A:34:HIS:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HE1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:34:HIS:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:34:HIS:ND1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:34:HIS:NE2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:34:HIS:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:36:LEU:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:H	1:A:36:LEU:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD12	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:H	1:A:36:LEU:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:36:LEU:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:37:TYR:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CB	7	0.45
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CG	7	0.45
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CZ	7	0.45
(2,7)	2:B:5:GLY:H	1:A:37:TYR:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HH	7	0.45
(2,7)	2:B:5:GLY:H	1:A:37:TYR:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:37:TYR:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:37:TYR:OH	7	0.45
(2,7)	2:B:5:GLY:H	1:A:38:ASP:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CB	7	0.45
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CG	7	0.45
(2,7)	2:B:5:GLY:H	1:A:38:ASP:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:38:ASP:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:38:ASP:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:39:LEU:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CA	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:H	1:A:39:LEU:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:H	1:A:39:LEU:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:39:LEU:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:40:GLY:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:40:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:40:GLY:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:40:GLY:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:40:GLY:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:41:GLY:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:41:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:41:GLY:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:41:GLY:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:41:GLY:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:42:GLY:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:42:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:42:GLY:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:42:GLY:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:42:GLY:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:43:LYS:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CD	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:H	1:A:43:LYS:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:43:LYS:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:43:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:H	1:A:43:LYS:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:44:ALA:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CB	7	0.45
(2,7)	2:B:5:GLY:H	1:A:44:ALA:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:44:ALA:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:44:ALA:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:45:GLY:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:45:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:45:GLY:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:45:GLY:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:45:GLY:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:46:MET:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:46:MET:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:46:MET:CB	7	0.45
(2,7)	2:B:5:GLY:H	1:A:46:MET:CE	7	0.45
(2,7)	2:B:5:GLY:H	1:A:46:MET:CG	7	0.45
(2,7)	2:B:5:GLY:H	1:A:46:MET:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:46:MET:HA	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:46:MET:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:46:MET:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:46:MET:SD	7	0.45
(2,7)	2:B:5:GLY:H	1:A:47:GLY:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:47:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:47:GLY:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:47:GLY:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:47:GLY:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:48:MET:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:48:MET:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:48:MET:CB	7	0.45
(2,7)	2:B:5:GLY:H	1:A:48:MET:CE	7	0.45
(2,7)	2:B:5:GLY:H	1:A:48:MET:CG	7	0.45
(2,7)	2:B:5:GLY:H	1:A:48:MET:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:48:MET:HA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:48:MET:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:48:MET:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:48:MET:SD	7	0.45
(2,7)	2:B:5:GLY:H	1:A:50:SER:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:50:SER:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:50:SER:CB	7	0.45
(2,7)	2:B:5:GLY:H	1:A:50:SER:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:50:SER:HA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:50:SER:HG	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:50:SER:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:50:SER:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:50:SER:OG	7	0.45
(2,7)	2:B:5:GLY:H	1:A:51:GLU:C	7	0.45
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CB	7	0.45
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CD	7	0.45
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CG	7	0.45
(2,7)	2:B:5:GLY:H	1:A:51:GLU:H	7	0.45
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HA	7	0.45
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG2	7	0.45
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG3	7	0.45
(2,7)	2:B:5:GLY:H	1:A:51:GLU:N	7	0.45
(2,7)	2:B:5:GLY:H	1:A:51:GLU:O	7	0.45
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE1	7	0.45
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CA	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CB	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CZ	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HH	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:OH	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:C	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:CA	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CB	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CD	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CZ	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HE	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH11	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH12	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH21	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH22	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NE	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CB	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CZ	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB3	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HH	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:OH	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD2	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CB	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CD2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CE1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HE1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:ND1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:NE2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD11	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CB	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CZ	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HH	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:OH	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CB	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:C	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CB	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CB	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CB	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CE	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:H	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:SD	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CB	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CE	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:SD	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CB	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB3	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:OG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:C	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CB	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CD	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CG	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:H	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HA	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG2	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG3	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:N	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:O	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE1	7	0.45
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:C	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CB	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CZ	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HH	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:OH	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:O	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:C	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CB	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CD	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CZ	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HE	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH11	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH12	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH21	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH22	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NE	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CB	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CZ	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB2	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HH	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:OH	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD1	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CB	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CD2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CE1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HE1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:ND1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:NE2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB3	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CB	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CZ	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HH	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:OH	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CB	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD2	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CA	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CB	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CB	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CE	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CG	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:SD	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CB	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CE	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:SD	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CB	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB2	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:OG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:C	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CB	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CD	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CG	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:H	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HA	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG2	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG3	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:N	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:O	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE1	7	0.45
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:10:LYS:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:10:LYS:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:10:LYS:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:10:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:N	1:A:10:LYS:O	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:11:TYR:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CB	7	0.45
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CZ	7	0.45
(2,7)	2:B:5:GLY:N	1:A:11:TYR:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HH	7	0.45
(2,7)	2:B:5:GLY:N	1:A:11:TYR:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:11:TYR:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:11:TYR:OH	7	0.45
(2,7)	2:B:5:GLY:N	1:A:12:LYS:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:12:LYS:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:12:LYS:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:12:LYS:NZ	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:12:LYS:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:16:LYS:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:16:LYS:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:16:LYS:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:16:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:N	1:A:16:LYS:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:24:LEU:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:24:LEU:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:24:LEU:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:24:LEU:O	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:27:GLY:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:27:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:27:GLY:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:27:GLY:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:27:GLY:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CB	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CD	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CZ	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HE	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH11	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH12	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH21	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH22	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NE	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:28:ARG:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:29:TYR:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CB	7	0.45
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CZ	7	0.45
(2,7)	2:B:5:GLY:N	1:A:29:TYR:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HA	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HH	7	0.45
(2,7)	2:B:5:GLY:N	1:A:29:TYR:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:29:TYR:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:29:TYR:OH	7	0.45
(2,7)	2:B:5:GLY:N	1:A:30:GLY:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:30:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:30:GLY:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:30:GLY:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:30:GLY:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:31:LYS:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:31:LYS:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:31:LYS:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:31:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:N	1:A:31:LYS:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:32:LEU:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CB	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:32:LEU:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:32:LEU:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:32:LEU:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:34:HIS:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CB	7	0.45
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CD2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CE1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:34:HIS:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HE1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:34:HIS:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:34:HIS:ND1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:34:HIS:NE2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:34:HIS:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:36:LEU:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:36:LEU:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB2	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:36:LEU:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:36:LEU:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:37:TYR:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CB	7	0.45
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CZ	7	0.45
(2,7)	2:B:5:GLY:N	1:A:37:TYR:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HH	7	0.45
(2,7)	2:B:5:GLY:N	1:A:37:TYR:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:37:TYR:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:37:TYR:OH	7	0.45
(2,7)	2:B:5:GLY:N	1:A:38:ASP:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CB	7	0.45
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:38:ASP:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:38:ASP:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:38:ASP:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD1	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:39:LEU:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:39:LEU:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:39:LEU:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:39:LEU:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:40:GLY:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:40:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:40:GLY:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:40:GLY:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:40:GLY:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:41:GLY:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:41:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:41:GLY:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:41:GLY:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:41:GLY:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:42:GLY:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:42:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:42:GLY:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:42:GLY:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:42:GLY:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:43:LYS:C	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:43:LYS:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:43:LYS:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:43:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:N	1:A:43:LYS:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:44:ALA:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CB	7	0.45
(2,7)	2:B:5:GLY:N	1:A:44:ALA:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:44:ALA:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:44:ALA:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:45:GLY:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:45:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:45:GLY:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:45:GLY:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:45:GLY:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:46:MET:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:46:MET:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:46:MET:CB	7	0.45
(2,7)	2:B:5:GLY:N	1:A:46:MET:CE	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:46:MET:CG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:46:MET:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:46:MET:HA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:46:MET:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:46:MET:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:46:MET:SD	7	0.45
(2,7)	2:B:5:GLY:N	1:A:47:GLY:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:47:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:47:GLY:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:47:GLY:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:47:GLY:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:48:MET:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:48:MET:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:48:MET:CB	7	0.45
(2,7)	2:B:5:GLY:N	1:A:48:MET:CE	7	0.45
(2,7)	2:B:5:GLY:N	1:A:48:MET:CG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:48:MET:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:48:MET:HA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:48:MET:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:48:MET:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:48:MET:SD	7	0.45
(2,7)	2:B:5:GLY:N	1:A:50:SER:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:50:SER:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:50:SER:CB	7	0.45
(2,7)	2:B:5:GLY:N	1:A:50:SER:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:50:SER:HA	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:50:SER:HG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:50:SER:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:50:SER:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:50:SER:OG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:51:GLU:C	7	0.45
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CB	7	0.45
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CD	7	0.45
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CG	7	0.45
(2,7)	2:B:5:GLY:N	1:A:51:GLU:H	7	0.45
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HA	7	0.45
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG2	7	0.45
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG3	7	0.45
(2,7)	2:B:5:GLY:N	1:A:51:GLU:N	7	0.45
(2,7)	2:B:5:GLY:N	1:A:51:GLU:O	7	0.45
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE1	7	0.45
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:10:LYS:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:10:LYS:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:10:LYS:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:10:LYS:NZ	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:10:LYS:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:11:TYR:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CB	7	0.45
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CZ	7	0.45
(2,7)	2:B:5:GLY:O	1:A:11:TYR:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HH	7	0.45
(2,7)	2:B:5:GLY:O	1:A:11:TYR:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:11:TYR:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:11:TYR:OH	7	0.45
(2,7)	2:B:5:GLY:O	1:A:12:LYS:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:12:LYS:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:12:LYS:N	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:12:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:O	1:A:12:LYS:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:16:LYS:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:16:LYS:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:16:LYS:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:16:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:O	1:A:16:LYS:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:24:LEU:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:24:LEU:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:24:LEU:N	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:24:LEU:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:27:GLY:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:27:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:27:GLY:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:27:GLY:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:27:GLY:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CB	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CD	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CZ	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HE	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH11	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH12	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH21	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH22	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NE	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:28:ARG:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:29:TYR:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CB	7	0.45
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CZ	7	0.45
(2,7)	2:B:5:GLY:O	1:A:29:TYR:H	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HH	7	0.45
(2,7)	2:B:5:GLY:O	1:A:29:TYR:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:29:TYR:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:29:TYR:OH	7	0.45
(2,7)	2:B:5:GLY:O	1:A:30:GLY:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:30:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:30:GLY:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:30:GLY:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:30:GLY:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:31:LYS:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:31:LYS:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:31:LYS:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:31:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:O	1:A:31:LYS:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:32:LEU:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CA	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:32:LEU:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:32:LEU:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:32:LEU:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:34:HIS:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CB	7	0.45
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CD2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CE1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:34:HIS:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HE1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:34:HIS:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:34:HIS:ND1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:34:HIS:NE2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:34:HIS:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:36:LEU:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:36:LEU:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HA	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:36:LEU:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:36:LEU:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:37:TYR:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CB	7	0.45
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CZ	7	0.45
(2,7)	2:B:5:GLY:O	1:A:37:TYR:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HH	7	0.45
(2,7)	2:B:5:GLY:O	1:A:37:TYR:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:37:TYR:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:37:TYR:OH	7	0.45
(2,7)	2:B:5:GLY:O	1:A:38:ASP:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CB	7	0.45
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:38:ASP:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:38:ASP:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:38:ASP:O	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:39:LEU:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CB	7	0.45
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:39:LEU:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD11	7	0.45
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD12	7	0.45
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD13	7	0.45
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD21	7	0.45
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD22	7	0.45
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD23	7	0.45
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:39:LEU:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:39:LEU:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:40:GLY:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:40:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:40:GLY:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:40:GLY:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:40:GLY:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:41:GLY:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:41:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:41:GLY:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:41:GLY:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:41:GLY:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:42:GLY:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:42:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:42:GLY:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:42:GLY:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:42:GLY:O	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:43:LYS:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CB	7	0.45
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CD	7	0.45
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CE	7	0.45
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:43:LYS:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:43:LYS:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:43:LYS:NZ	7	0.45
(2,7)	2:B:5:GLY:O	1:A:43:LYS:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:44:ALA:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CB	7	0.45
(2,7)	2:B:5:GLY:O	1:A:44:ALA:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:44:ALA:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:44:ALA:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:45:GLY:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:45:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:45:GLY:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:45:GLY:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:45:GLY:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:46:MET:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:46:MET:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:46:MET:CB	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:46:MET:CE	7	0.45
(2,7)	2:B:5:GLY:O	1:A:46:MET:CG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:46:MET:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:46:MET:HA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:46:MET:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:46:MET:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:46:MET:SD	7	0.45
(2,7)	2:B:5:GLY:O	1:A:47:GLY:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:47:GLY:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:47:GLY:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:47:GLY:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:47:GLY:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:48:MET:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:48:MET:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:48:MET:CB	7	0.45
(2,7)	2:B:5:GLY:O	1:A:48:MET:CE	7	0.45
(2,7)	2:B:5:GLY:O	1:A:48:MET:CG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:48:MET:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:48:MET:HA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:48:MET:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:48:MET:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:48:MET:SD	7	0.45
(2,7)	2:B:5:GLY:O	1:A:50:SER:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:50:SER:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:50:SER:CB	7	0.45
(2,7)	2:B:5:GLY:O	1:A:50:SER:H	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:50:SER:HA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:50:SER:HG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:50:SER:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:50:SER:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:50:SER:OG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:51:GLU:C	7	0.45
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CB	7	0.45
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CD	7	0.45
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CG	7	0.45
(2,7)	2:B:5:GLY:O	1:A:51:GLU:H	7	0.45
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HA	7	0.45
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG2	7	0.45
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG3	7	0.45
(2,7)	2:B:5:GLY:O	1:A:51:GLU:N	7	0.45
(2,7)	2:B:5:GLY:O	1:A:51:GLU:O	7	0.45
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE1	7	0.45
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE2	7	0.45
(2,3)	1:A:44:ALA:C	2:B:3:GLY:C	6	0.38
(2,3)	1:A:44:ALA:C	2:B:3:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:C	2:B:3:GLY:H	6	0.38
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:C	2:B:3:GLY:N	6	0.38
(2,3)	1:A:44:ALA:C	2:B:3:GLY:O	6	0.38
(2,3)	1:A:44:ALA:C	2:B:4:GLU:C	6	0.38
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:C	2:B:4:GLU:H	6	0.38
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:C	2:B:4:GLU:N	6	0.38
(2,3)	1:A:44:ALA:C	2:B:4:GLU:O	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:5:GLY:C	6	0.38
(2,3)	1:A:44:ALA:C	2:B:5:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:C	2:B:5:GLY:H	6	0.38
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:C	2:B:5:GLY:N	6	0.38
(2,3)	1:A:44:ALA:C	2:B:5:GLY:O	6	0.38
(2,3)	1:A:44:ALA:C	2:B:6:GLU:C	6	0.38
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:C	2:B:6:GLU:H	6	0.38
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:C	2:B:6:GLU:N	6	0.38
(2,3)	1:A:44:ALA:C	2:B:6:GLU:O	6	0.38
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:7:GLU:C	6	0.38
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:C	2:B:7:GLU:H	6	0.38
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:C	2:B:7:GLU:N	6	0.38
(2,3)	1:A:44:ALA:C	2:B:7:GLU:O	6	0.38
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:8:GLU:C	6	0.38
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CB	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:C	2:B:8:GLU:H	6	0.38
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:C	2:B:8:GLU:N	6	0.38
(2,3)	1:A:44:ALA:C	2:B:8:GLU:O	6	0.38
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:9:GLY:C	6	0.38
(2,3)	1:A:44:ALA:C	2:B:9:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:C	2:B:9:GLY:H	6	0.38
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:C	2:B:9:GLY:N	6	0.38
(2,3)	1:A:44:ALA:C	2:B:9:GLY:O	6	0.38
(2,3)	1:A:44:ALA:C	2:B:10:GLU:C	6	0.38
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:C	2:B:10:GLU:H	6	0.38
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:C	2:B:10:GLU:N	6	0.38
(2,3)	1:A:44:ALA:C	2:B:10:GLU:O	6	0.38
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:11:GLU:C	6	0.38
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:C	2:B:11:GLU:H	6	0.38
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB2	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:C	2:B:11:GLU:N	6	0.38
(2,3)	1:A:44:ALA:C	2:B:11:GLU:O	6	0.38
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:12:TYR:C	6	0.38
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CA	6	0.38
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CB	6	0.38
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD1	6	0.38
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE1	6	0.38
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CG	6	0.38
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CZ	6	0.38
(2,3)	1:A:44:ALA:C	2:B:12:TYR:H	6	0.38
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HA	6	0.38
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB3	6	0.38
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD1	6	0.38
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE1	6	0.38
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE2	6	0.38
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HH	6	0.38
(2,3)	1:A:44:ALA:C	2:B:12:TYR:N	6	0.38
(2,3)	1:A:44:ALA:C	2:B:12:TYR:O	6	0.38
(2,3)	1:A:44:ALA:C	2:B:12:TYR:OH	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:C	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:H	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:N	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:O	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:C	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:H	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HA	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:N	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:O	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:C	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:H	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:N	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:O	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:C	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:H	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:N	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:O	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:C	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:H	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:N	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:O	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:C	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:H	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:N	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:O	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:C	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:H	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:N	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:O	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:C	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:H	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:N	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:O	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:C	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CA	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:H	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:N	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:O	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:C	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CA	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CB	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD1	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE1	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CG	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CZ	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:H	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HA	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB3	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD1	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE1	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE2	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HH	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:N	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:O	6	0.38
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:OH	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:C	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:H	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:N	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:O	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:C	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:H	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:N	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:O	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:C	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:H	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:N	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:O	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:C	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:H	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:N	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:O	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:C	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:H	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:N	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:O	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:C	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:H	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:N	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:O	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:C	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:H	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:N	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:O	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:C	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:H	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG3	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:N	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:O	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:C	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:H	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:N	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:O	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:C	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CA	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CB	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD1	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE1	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CG	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CZ	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:H	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HA	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB3	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD1	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE1	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE2	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HH	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:N	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:O	6	0.38
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:OH	6	0.38
(2,3)	1:A:44:ALA:H	2:B:3:GLY:C	6	0.38
(2,3)	1:A:44:ALA:H	2:B:3:GLY:CA	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:3:GLY:H	6	0.38
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:H	2:B:3:GLY:N	6	0.38
(2,3)	1:A:44:ALA:H	2:B:3:GLY:O	6	0.38
(2,3)	1:A:44:ALA:H	2:B:4:GLU:C	6	0.38
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:H	2:B:4:GLU:H	6	0.38
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:H	2:B:4:GLU:N	6	0.38
(2,3)	1:A:44:ALA:H	2:B:4:GLU:O	6	0.38
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:5:GLY:C	6	0.38
(2,3)	1:A:44:ALA:H	2:B:5:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:H	2:B:5:GLY:H	6	0.38
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:H	2:B:5:GLY:N	6	0.38
(2,3)	1:A:44:ALA:H	2:B:5:GLY:O	6	0.38
(2,3)	1:A:44:ALA:H	2:B:6:GLU:C	6	0.38
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:H	2:B:6:GLU:H	6	0.38
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:H	2:B:6:GLU:N	6	0.38
(2,3)	1:A:44:ALA:H	2:B:6:GLU:O	6	0.38
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE2	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:7:GLU:C	6	0.38
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:H	2:B:7:GLU:H	6	0.38
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:H	2:B:7:GLU:N	6	0.38
(2,3)	1:A:44:ALA:H	2:B:7:GLU:O	6	0.38
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:8:GLU:C	6	0.38
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:H	2:B:8:GLU:H	6	0.38
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:H	2:B:8:GLU:N	6	0.38
(2,3)	1:A:44:ALA:H	2:B:8:GLU:O	6	0.38
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:9:GLY:C	6	0.38
(2,3)	1:A:44:ALA:H	2:B:9:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:H	2:B:9:GLY:H	6	0.38
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:H	2:B:9:GLY:N	6	0.38
(2,3)	1:A:44:ALA:H	2:B:9:GLY:O	6	0.38
(2,3)	1:A:44:ALA:H	2:B:10:GLU:C	6	0.38
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CG	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:10:GLU:H	6	0.38
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:H	2:B:10:GLU:N	6	0.38
(2,3)	1:A:44:ALA:H	2:B:10:GLU:O	6	0.38
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:11:GLU:C	6	0.38
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:H	2:B:11:GLU:H	6	0.38
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:H	2:B:11:GLU:N	6	0.38
(2,3)	1:A:44:ALA:H	2:B:11:GLU:O	6	0.38
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:12:TYR:C	6	0.38
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CA	6	0.38
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CB	6	0.38
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD1	6	0.38
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE1	6	0.38
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CG	6	0.38
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CZ	6	0.38
(2,3)	1:A:44:ALA:H	2:B:12:TYR:H	6	0.38
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HA	6	0.38
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB3	6	0.38
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD1	6	0.38
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD2	6	0.38
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE1	6	0.38
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE2	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HH	6	0.38
(2,3)	1:A:44:ALA:H	2:B:12:TYR:N	6	0.38
(2,3)	1:A:44:ALA:H	2:B:12:TYR:O	6	0.38
(2,3)	1:A:44:ALA:H	2:B:12:TYR:OH	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:C	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:H	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:N	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:O	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:C	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:H	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:N	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:O	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB3	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:C	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:H	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:N	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:O	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:C	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CA	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CB	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD1	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE1	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CG	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CZ	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:H	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HA	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB3	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD1	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE1	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE2	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HH	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:N	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:O	6	0.38
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:OH	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:C	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:H	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:N	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:O	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:C	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:H	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:N	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:O	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CB	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE2	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:C	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:H	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:N	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:O	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:C	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CA	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CB	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD1	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD2	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE1	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CG	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CZ	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:H	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HA	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB3	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD1	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE1	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE2	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HH	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:N	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:O	6	0.38
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:OH	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:C	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:H	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:N	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:O	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:C	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:H	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA2	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:N	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:O	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB3	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:C	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:H	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:N	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:O	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE1	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:C	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CA	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CB	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD1	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE1	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CG	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CZ	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:H	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HA	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB3	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD1	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE1	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE2	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HH	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:N	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:O	6	0.38
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:OH	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:C	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:H	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:N	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:O	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:O	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:C	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:H	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:N	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:O	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CB	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:C	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:H	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:N	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:O	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:C	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:H	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB2	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:N	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:O	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:C	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CA	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CB	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD1	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE1	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CG	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CZ	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:H	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HA	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB3	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD1	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE1	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE2	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HH	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:N	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:O	6	0.38
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:OH	6	0.38
(2,3)	1:A:44:ALA:N	2:B:3:GLY:C	6	0.38
(2,3)	1:A:44:ALA:N	2:B:3:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:N	2:B:3:GLY:H	6	0.38
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:N	2:B:3:GLY:N	6	0.38
(2,3)	1:A:44:ALA:N	2:B:3:GLY:O	6	0.38
(2,3)	1:A:44:ALA:N	2:B:4:GLU:C	6	0.38
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:N	2:B:4:GLU:H	6	0.38
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HA	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:N	2:B:4:GLU:N	6	0.38
(2,3)	1:A:44:ALA:N	2:B:4:GLU:O	6	0.38
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:5:GLY:C	6	0.38
(2,3)	1:A:44:ALA:N	2:B:5:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:N	2:B:5:GLY:H	6	0.38
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:N	2:B:5:GLY:N	6	0.38
(2,3)	1:A:44:ALA:N	2:B:5:GLY:O	6	0.38
(2,3)	1:A:44:ALA:N	2:B:6:GLU:C	6	0.38
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:N	2:B:6:GLU:H	6	0.38
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:N	2:B:6:GLU:N	6	0.38
(2,3)	1:A:44:ALA:N	2:B:6:GLU:O	6	0.38
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:7:GLU:C	6	0.38
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:N	2:B:7:GLU:H	6	0.38
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:N	2:B:7:GLU:N	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:7:GLU:O	6	0.38
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:8:GLU:C	6	0.38
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:N	2:B:8:GLU:H	6	0.38
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:N	2:B:8:GLU:N	6	0.38
(2,3)	1:A:44:ALA:N	2:B:8:GLU:O	6	0.38
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:9:GLY:C	6	0.38
(2,3)	1:A:44:ALA:N	2:B:9:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:N	2:B:9:GLY:H	6	0.38
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:N	2:B:9:GLY:N	6	0.38
(2,3)	1:A:44:ALA:N	2:B:9:GLY:O	6	0.38
(2,3)	1:A:44:ALA:N	2:B:10:GLU:C	6	0.38
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:N	2:B:10:GLU:H	6	0.38
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:N	2:B:10:GLU:N	6	0.38
(2,3)	1:A:44:ALA:N	2:B:10:GLU:O	6	0.38
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:11:GLU:C	6	0.38
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CA	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:N	2:B:11:GLU:H	6	0.38
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:N	2:B:11:GLU:N	6	0.38
(2,3)	1:A:44:ALA:N	2:B:11:GLU:O	6	0.38
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:12:TYR:C	6	0.38
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CA	6	0.38
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CB	6	0.38
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD1	6	0.38
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE1	6	0.38
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CG	6	0.38
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CZ	6	0.38
(2,3)	1:A:44:ALA:N	2:B:12:TYR:H	6	0.38
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HA	6	0.38
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB3	6	0.38
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD1	6	0.38
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE1	6	0.38
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE2	6	0.38
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HH	6	0.38
(2,3)	1:A:44:ALA:N	2:B:12:TYR:N	6	0.38
(2,3)	1:A:44:ALA:N	2:B:12:TYR:O	6	0.38
(2,3)	1:A:44:ALA:N	2:B:12:TYR:OH	6	0.38
(2,3)	1:A:44:ALA:O	2:B:3:GLY:C	6	0.38
(2,3)	1:A:44:ALA:O	2:B:3:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:O	2:B:3:GLY:H	6	0.38
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:O	2:B:3:GLY:N	6	0.38
(2,3)	1:A:44:ALA:O	2:B:3:GLY:O	6	0.38
(2,3)	1:A:44:ALA:O	2:B:4:GLU:C	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:O	2:B:4:GLU:H	6	0.38
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:O	2:B:4:GLU:N	6	0.38
(2,3)	1:A:44:ALA:O	2:B:4:GLU:O	6	0.38
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:5:GLY:C	6	0.38
(2,3)	1:A:44:ALA:O	2:B:5:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:O	2:B:5:GLY:H	6	0.38
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:O	2:B:5:GLY:N	6	0.38
(2,3)	1:A:44:ALA:O	2:B:5:GLY:O	6	0.38
(2,3)	1:A:44:ALA:O	2:B:6:GLU:C	6	0.38
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:O	2:B:6:GLU:H	6	0.38
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:O	2:B:6:GLU:N	6	0.38
(2,3)	1:A:44:ALA:O	2:B:6:GLU:O	6	0.38
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:7:GLU:C	6	0.38
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:O	2:B:7:GLU:H	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:O	2:B:7:GLU:N	6	0.38
(2,3)	1:A:44:ALA:O	2:B:7:GLU:O	6	0.38
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:8:GLU:C	6	0.38
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:O	2:B:8:GLU:H	6	0.38
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:O	2:B:8:GLU:N	6	0.38
(2,3)	1:A:44:ALA:O	2:B:8:GLU:O	6	0.38
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:9:GLY:C	6	0.38
(2,3)	1:A:44:ALA:O	2:B:9:GLY:CA	6	0.38
(2,3)	1:A:44:ALA:O	2:B:9:GLY:H	6	0.38
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA3	6	0.38
(2,3)	1:A:44:ALA:O	2:B:9:GLY:N	6	0.38
(2,3)	1:A:44:ALA:O	2:B:9:GLY:O	6	0.38
(2,3)	1:A:44:ALA:O	2:B:10:GLU:C	6	0.38
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:O	2:B:10:GLU:H	6	0.38
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG3	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:10:GLU:N	6	0.38
(2,3)	1:A:44:ALA:O	2:B:10:GLU:O	6	0.38
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:11:GLU:C	6	0.38
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CA	6	0.38
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CB	6	0.38
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CD	6	0.38
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CG	6	0.38
(2,3)	1:A:44:ALA:O	2:B:11:GLU:H	6	0.38
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HA	6	0.38
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB3	6	0.38
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG3	6	0.38
(2,3)	1:A:44:ALA:O	2:B:11:GLU:N	6	0.38
(2,3)	1:A:44:ALA:O	2:B:11:GLU:O	6	0.38
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE1	6	0.38
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:12:TYR:C	6	0.38
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CA	6	0.38
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CB	6	0.38
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD1	6	0.38
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE1	6	0.38
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CG	6	0.38
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CZ	6	0.38
(2,3)	1:A:44:ALA:O	2:B:12:TYR:H	6	0.38
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HA	6	0.38
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB3	6	0.38
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD1	6	0.38
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE1	6	0.38
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE2	6	0.38
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HH	6	0.38
(2,3)	1:A:44:ALA:O	2:B:12:TYR:N	6	0.38
(2,3)	1:A:44:ALA:O	2:B:12:TYR:O	6	0.38
(2,3)	1:A:44:ALA:O	2:B:12:TYR:OH	6	0.38
(2,7)	2:B:5:GLY:C	1:A:10:LYS:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CA	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:10:LYS:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:10:LYS:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:10:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:C	1:A:10:LYS:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:11:TYR:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CB	8	0.36
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CZ	8	0.36
(2,7)	2:B:5:GLY:C	1:A:11:TYR:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HH	8	0.36
(2,7)	2:B:5:GLY:C	1:A:11:TYR:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:11:TYR:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:11:TYR:OH	8	0.36
(2,7)	2:B:5:GLY:C	1:A:12:LYS:C	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:12:LYS:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:12:LYS:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:12:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:C	1:A:12:LYS:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:16:LYS:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:16:LYS:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:16:LYS:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:16:LYS:NZ	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:16:LYS:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:24:LEU:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:24:LEU:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:24:LEU:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:24:LEU:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:27:GLY:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:27:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:27:GLY:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:27:GLY:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:27:GLY:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CB	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CD	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CZ	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HE	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG3	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH11	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH12	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH21	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH22	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NE	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:28:ARG:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:29:TYR:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CB	8	0.36
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CZ	8	0.36
(2,7)	2:B:5:GLY:C	1:A:29:TYR:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HH	8	0.36
(2,7)	2:B:5:GLY:C	1:A:29:TYR:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:29:TYR:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:29:TYR:OH	8	0.36
(2,7)	2:B:5:GLY:C	1:A:30:GLY:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:30:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:30:GLY:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:30:GLY:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:30:GLY:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:31:LYS:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CE	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:31:LYS:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:31:LYS:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:31:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:C	1:A:31:LYS:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:32:LEU:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:32:LEU:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:32:LEU:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:32:LEU:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:34:HIS:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CB	8	0.36
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CD2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CE1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CG	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:34:HIS:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HE1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:34:HIS:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:34:HIS:ND1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:34:HIS:NE2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:34:HIS:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:36:LEU:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:36:LEU:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:36:LEU:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:36:LEU:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:37:TYR:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CB	8	0.36
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CZ	8	0.36
(2,7)	2:B:5:GLY:C	1:A:37:TYR:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB2	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HH	8	0.36
(2,7)	2:B:5:GLY:C	1:A:37:TYR:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:37:TYR:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:37:TYR:OH	8	0.36
(2,7)	2:B:5:GLY:C	1:A:38:ASP:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CB	8	0.36
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:38:ASP:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:38:ASP:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:38:ASP:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:39:LEU:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:39:LEU:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:39:LEU:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:39:LEU:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:40:GLY:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:40:GLY:CA	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:40:GLY:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:40:GLY:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:40:GLY:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:41:GLY:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:41:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:41:GLY:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:41:GLY:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:41:GLY:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:42:GLY:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:42:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:42:GLY:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:42:GLY:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:42:GLY:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:43:LYS:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:43:LYS:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:43:LYS:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:43:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:C	1:A:43:LYS:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:44:ALA:C	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CB	8	0.36
(2,7)	2:B:5:GLY:C	1:A:44:ALA:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:44:ALA:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:44:ALA:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:45:GLY:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:45:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:45:GLY:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:45:GLY:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:45:GLY:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:46:MET:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:46:MET:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:46:MET:CB	8	0.36
(2,7)	2:B:5:GLY:C	1:A:46:MET:CE	8	0.36
(2,7)	2:B:5:GLY:C	1:A:46:MET:CG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:46:MET:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:46:MET:HA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:46:MET:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:46:MET:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:46:MET:SD	8	0.36
(2,7)	2:B:5:GLY:C	1:A:47:GLY:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:47:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:47:GLY:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:47:GLY:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:47:GLY:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:48:MET:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:48:MET:CA	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:48:MET:CB	8	0.36
(2,7)	2:B:5:GLY:C	1:A:48:MET:CE	8	0.36
(2,7)	2:B:5:GLY:C	1:A:48:MET:CG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:48:MET:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:48:MET:HA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:48:MET:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:48:MET:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:48:MET:SD	8	0.36
(2,7)	2:B:5:GLY:C	1:A:50:SER:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:50:SER:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:50:SER:CB	8	0.36
(2,7)	2:B:5:GLY:C	1:A:50:SER:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:50:SER:HA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:50:SER:HG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:50:SER:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:50:SER:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:50:SER:OG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:51:GLU:C	8	0.36
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CB	8	0.36
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CD	8	0.36
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CG	8	0.36
(2,7)	2:B:5:GLY:C	1:A:51:GLU:H	8	0.36
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HA	8	0.36
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG3	8	0.36
(2,7)	2:B:5:GLY:C	1:A:51:GLU:N	8	0.36
(2,7)	2:B:5:GLY:C	1:A:51:GLU:O	8	0.36
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE1	8	0.36
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:C	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CB	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CZ	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HH	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:OH	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:N	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CB	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CD	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CZ	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HE	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG2	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH11	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH12	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH21	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH22	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NE	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CB	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CZ	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HH	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:OH	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CD	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CB	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CD2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CE1	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HE1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:ND1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:NE2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CB	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CZ	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HA	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HH	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:OH	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CB	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:C	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:O	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CB	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:46:MET:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CB	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CE	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:46:MET:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:46:MET:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:46:MET:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:46:MET:SD	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:48:MET:C	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CB	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CE	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:48:MET:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:48:MET:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:48:MET:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:48:MET:SD	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:50:SER:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CB	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:50:SER:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:50:SER:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:50:SER:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:50:SER:OG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:C	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CB	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CD	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CG	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:H	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HA	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG2	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG3	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:N	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:O	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE1	8	0.36
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE2	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:10:LYS:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:10:LYS:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:10:LYS:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:10:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:H	1:A:10:LYS:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:11:TYR:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CB	8	0.36
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CZ	8	0.36
(2,7)	2:B:5:GLY:H	1:A:11:TYR:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HH	8	0.36
(2,7)	2:B:5:GLY:H	1:A:11:TYR:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:11:TYR:O	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:11:TYR:OH	8	0.36
(2,7)	2:B:5:GLY:H	1:A:12:LYS:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:12:LYS:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:12:LYS:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:12:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:H	1:A:12:LYS:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:16:LYS:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:16:LYS:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ3	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:16:LYS:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:16:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:H	1:A:16:LYS:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:24:LEU:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:24:LEU:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:24:LEU:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:24:LEU:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:27:GLY:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:27:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:27:GLY:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:27:GLY:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:27:GLY:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CB	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CD	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CZ	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HE	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH11	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH12	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH21	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH22	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NE	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:28:ARG:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:29:TYR:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CB	8	0.36
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CZ	8	0.36
(2,7)	2:B:5:GLY:H	1:A:29:TYR:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HH	8	0.36
(2,7)	2:B:5:GLY:H	1:A:29:TYR:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:29:TYR:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:29:TYR:OH	8	0.36
(2,7)	2:B:5:GLY:H	1:A:30:GLY:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:30:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:30:GLY:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:30:GLY:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:30:GLY:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:31:LYS:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CB	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:31:LYS:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:31:LYS:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:31:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:H	1:A:31:LYS:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:32:LEU:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:32:LEU:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:32:LEU:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:32:LEU:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:34:HIS:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CB	8	0.36
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CD2	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CE1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:34:HIS:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HE1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:34:HIS:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:34:HIS:ND1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:34:HIS:NE2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:34:HIS:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:36:LEU:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:36:LEU:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:36:LEU:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:36:LEU:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:37:TYR:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CB	8	0.36
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CZ	8	0.36
(2,7)	2:B:5:GLY:H	1:A:37:TYR:H	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HH	8	0.36
(2,7)	2:B:5:GLY:H	1:A:37:TYR:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:37:TYR:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:37:TYR:OH	8	0.36
(2,7)	2:B:5:GLY:H	1:A:38:ASP:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CB	8	0.36
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:38:ASP:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:38:ASP:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:38:ASP:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:39:LEU:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:39:LEU:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:39:LEU:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:39:LEU:O	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:40:GLY:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:40:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:40:GLY:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:40:GLY:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:40:GLY:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:41:GLY:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:41:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:41:GLY:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:41:GLY:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:41:GLY:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:42:GLY:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:42:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:42:GLY:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:42:GLY:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:42:GLY:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:43:LYS:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:43:LYS:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:43:LYS:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:43:LYS:NZ	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:43:LYS:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:44:ALA:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CB	8	0.36
(2,7)	2:B:5:GLY:H	1:A:44:ALA:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:44:ALA:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:44:ALA:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:45:GLY:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:45:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:45:GLY:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:45:GLY:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:45:GLY:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:46:MET:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:46:MET:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:46:MET:CB	8	0.36
(2,7)	2:B:5:GLY:H	1:A:46:MET:CE	8	0.36
(2,7)	2:B:5:GLY:H	1:A:46:MET:CG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:46:MET:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:46:MET:HA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:46:MET:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:46:MET:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:46:MET:SD	8	0.36
(2,7)	2:B:5:GLY:H	1:A:47:GLY:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:47:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:47:GLY:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:47:GLY:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:47:GLY:O	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:48:MET:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:48:MET:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:48:MET:CB	8	0.36
(2,7)	2:B:5:GLY:H	1:A:48:MET:CE	8	0.36
(2,7)	2:B:5:GLY:H	1:A:48:MET:CG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:48:MET:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:48:MET:HA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE1	8	0.36
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:48:MET:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:48:MET:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:48:MET:SD	8	0.36
(2,7)	2:B:5:GLY:H	1:A:50:SER:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:50:SER:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:50:SER:CB	8	0.36
(2,7)	2:B:5:GLY:H	1:A:50:SER:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:50:SER:HA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:50:SER:HG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:50:SER:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:50:SER:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:50:SER:OG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:51:GLU:C	8	0.36
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CB	8	0.36
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CD	8	0.36
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CG	8	0.36
(2,7)	2:B:5:GLY:H	1:A:51:GLU:H	8	0.36
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HA	8	0.36
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG2	8	0.36
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG3	8	0.36
(2,7)	2:B:5:GLY:H	1:A:51:GLU:N	8	0.36
(2,7)	2:B:5:GLY:H	1:A:51:GLU:O	8	0.36
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE1	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CB	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CZ	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HH	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:N	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:OH	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ2	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CB	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CD	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CZ	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD3	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HE	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH11	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH12	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH21	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH22	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NE	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CB	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CZ	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HH	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:OH	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CA	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CB	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CD2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CE1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HE1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:ND1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:NE2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CB	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CZ	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HH	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:OH	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CB	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:N	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:N	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CB	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CB	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CE	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:SD	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:N	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CB	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CE	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:SD	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CB	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:O	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:OG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:C	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CB	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CD	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CG	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:H	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HA	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG2	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG3	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:N	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:O	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE1	8	0.36
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CB	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CG	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CZ	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HH	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:OH	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ1	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CB	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CD	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CG	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CZ	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD2	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HE	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH11	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH12	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH21	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH22	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NE	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CB	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CG	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CZ	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HH	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:OH	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:C	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CA	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CB	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CD2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CE1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CG	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HE1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:ND1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:NE2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CB	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CG	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CZ	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HH	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:OH	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CB	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CG	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HG	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ3	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CB	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CB	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CE	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CG	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:SD	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA3	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CB	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CE	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CG	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:SD	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CB	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HG	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:N	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:OG	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:C	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CB	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CD	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CG	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:H	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HA	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG2	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG3	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:N	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:O	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE1	8	0.36
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:10:LYS:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:10:LYS:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:10:LYS:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:10:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:N	1:A:10:LYS:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:11:TYR:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CB	8	0.36
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CZ	8	0.36
(2,7)	2:B:5:GLY:N	1:A:11:TYR:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE2	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HH	8	0.36
(2,7)	2:B:5:GLY:N	1:A:11:TYR:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:11:TYR:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:11:TYR:OH	8	0.36
(2,7)	2:B:5:GLY:N	1:A:12:LYS:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:12:LYS:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:12:LYS:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:12:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:N	1:A:12:LYS:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:16:LYS:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:16:LYS:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG3	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:16:LYS:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:16:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:N	1:A:16:LYS:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:24:LEU:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:24:LEU:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:24:LEU:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:24:LEU:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:27:GLY:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:27:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:27:GLY:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:27:GLY:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:27:GLY:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CB	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CD	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CZ	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB3	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HE	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH11	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH12	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH21	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH22	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NE	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:28:ARG:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:29:TYR:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CB	8	0.36
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CZ	8	0.36
(2,7)	2:B:5:GLY:N	1:A:29:TYR:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HH	8	0.36
(2,7)	2:B:5:GLY:N	1:A:29:TYR:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:29:TYR:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:29:TYR:OH	8	0.36
(2,7)	2:B:5:GLY:N	1:A:30:GLY:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:30:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:30:GLY:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:30:GLY:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:30:GLY:O	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:31:LYS:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:31:LYS:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:31:LYS:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:31:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:N	1:A:31:LYS:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:32:LEU:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:32:LEU:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:32:LEU:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:32:LEU:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:34:HIS:C	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CB	8	0.36
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CD2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CE1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:34:HIS:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HE1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:34:HIS:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:34:HIS:ND1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:34:HIS:NE2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:34:HIS:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:36:LEU:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:36:LEU:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:36:LEU:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:36:LEU:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:37:TYR:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CB	8	0.36
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE2	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CZ	8	0.36
(2,7)	2:B:5:GLY:N	1:A:37:TYR:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HH	8	0.36
(2,7)	2:B:5:GLY:N	1:A:37:TYR:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:37:TYR:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:37:TYR:OH	8	0.36
(2,7)	2:B:5:GLY:N	1:A:38:ASP:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CB	8	0.36
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:38:ASP:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:38:ASP:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:38:ASP:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:39:LEU:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:39:LEU:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD23	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:39:LEU:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:39:LEU:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:40:GLY:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:40:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:40:GLY:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:40:GLY:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:40:GLY:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:41:GLY:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:41:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:41:GLY:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:41:GLY:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:41:GLY:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:42:GLY:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:42:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:42:GLY:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:42:GLY:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:42:GLY:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:43:LYS:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:43:LYS:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ2	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:43:LYS:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:43:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:N	1:A:43:LYS:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:44:ALA:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CB	8	0.36
(2,7)	2:B:5:GLY:N	1:A:44:ALA:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:44:ALA:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:44:ALA:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:45:GLY:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:45:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:45:GLY:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:45:GLY:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:45:GLY:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:46:MET:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:46:MET:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:46:MET:CB	8	0.36
(2,7)	2:B:5:GLY:N	1:A:46:MET:CE	8	0.36
(2,7)	2:B:5:GLY:N	1:A:46:MET:CG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:46:MET:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:46:MET:HA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:46:MET:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:46:MET:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:46:MET:SD	8	0.36
(2,7)	2:B:5:GLY:N	1:A:47:GLY:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:47:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:47:GLY:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA2	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:47:GLY:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:47:GLY:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:48:MET:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:48:MET:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:48:MET:CB	8	0.36
(2,7)	2:B:5:GLY:N	1:A:48:MET:CE	8	0.36
(2,7)	2:B:5:GLY:N	1:A:48:MET:CG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:48:MET:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:48:MET:HA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:48:MET:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:48:MET:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:48:MET:SD	8	0.36
(2,7)	2:B:5:GLY:N	1:A:50:SER:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:50:SER:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:50:SER:CB	8	0.36
(2,7)	2:B:5:GLY:N	1:A:50:SER:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:50:SER:HA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:50:SER:HG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:50:SER:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:50:SER:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:50:SER:OG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:51:GLU:C	8	0.36
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CB	8	0.36
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CD	8	0.36
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CG	8	0.36
(2,7)	2:B:5:GLY:N	1:A:51:GLU:H	8	0.36
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HA	8	0.36
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB3	8	0.36
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG2	8	0.36
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG3	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:51:GLU:N	8	0.36
(2,7)	2:B:5:GLY:N	1:A:51:GLU:O	8	0.36
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE1	8	0.36
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:10:LYS:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:10:LYS:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:10:LYS:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:10:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:O	1:A:10:LYS:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:11:TYR:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CB	8	0.36
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CZ	8	0.36
(2,7)	2:B:5:GLY:O	1:A:11:TYR:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE1	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HH	8	0.36
(2,7)	2:B:5:GLY:O	1:A:11:TYR:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:11:TYR:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:11:TYR:OH	8	0.36
(2,7)	2:B:5:GLY:O	1:A:12:LYS:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:12:LYS:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:12:LYS:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:12:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:O	1:A:12:LYS:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:16:LYS:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:16:LYS:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG2	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:16:LYS:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:16:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:O	1:A:16:LYS:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:24:LEU:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:24:LEU:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:24:LEU:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:24:LEU:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:27:GLY:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:27:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:27:GLY:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:27:GLY:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:27:GLY:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CB	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CD	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CZ	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB2	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HE	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH11	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH12	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH21	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH22	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NE	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:28:ARG:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:29:TYR:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CB	8	0.36
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CZ	8	0.36
(2,7)	2:B:5:GLY:O	1:A:29:TYR:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HH	8	0.36
(2,7)	2:B:5:GLY:O	1:A:29:TYR:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:29:TYR:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:29:TYR:OH	8	0.36
(2,7)	2:B:5:GLY:O	1:A:30:GLY:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:30:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:30:GLY:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:30:GLY:N	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:30:GLY:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:31:LYS:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:31:LYS:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:31:LYS:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:31:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:O	1:A:31:LYS:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:32:LEU:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:32:LEU:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:32:LEU:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:32:LEU:O	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:34:HIS:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CB	8	0.36
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CD2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CE1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:34:HIS:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HE1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:34:HIS:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:34:HIS:ND1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:34:HIS:NE2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:34:HIS:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:36:LEU:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:36:LEU:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD22	8	0.36
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:36:LEU:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:36:LEU:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:37:TYR:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CB	8	0.36
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE1	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CZ	8	0.36
(2,7)	2:B:5:GLY:O	1:A:37:TYR:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HH	8	0.36
(2,7)	2:B:5:GLY:O	1:A:37:TYR:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:37:TYR:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:37:TYR:OH	8	0.36
(2,7)	2:B:5:GLY:O	1:A:38:ASP:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CB	8	0.36
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:38:ASP:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:38:ASP:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:38:ASP:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:39:LEU:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CB	8	0.36
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:39:LEU:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD11	8	0.36
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD12	8	0.36
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD13	8	0.36
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD21	8	0.36
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD22	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD23	8	0.36
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:39:LEU:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:39:LEU:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:40:GLY:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:40:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:40:GLY:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:40:GLY:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:40:GLY:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:41:GLY:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:41:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:41:GLY:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:41:GLY:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:41:GLY:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:42:GLY:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:42:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:42:GLY:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:42:GLY:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:42:GLY:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:43:LYS:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CB	8	0.36
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CD	8	0.36
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CE	8	0.36
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:43:LYS:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ1	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:43:LYS:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:43:LYS:NZ	8	0.36
(2,7)	2:B:5:GLY:O	1:A:43:LYS:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:44:ALA:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CB	8	0.36
(2,7)	2:B:5:GLY:O	1:A:44:ALA:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:44:ALA:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:44:ALA:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:45:GLY:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:45:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:45:GLY:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:45:GLY:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:45:GLY:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:46:MET:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:46:MET:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:46:MET:CB	8	0.36
(2,7)	2:B:5:GLY:O	1:A:46:MET:CE	8	0.36
(2,7)	2:B:5:GLY:O	1:A:46:MET:CG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:46:MET:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:46:MET:HA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:46:MET:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:46:MET:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:46:MET:SD	8	0.36
(2,7)	2:B:5:GLY:O	1:A:47:GLY:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:47:GLY:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:47:GLY:H	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:47:GLY:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:47:GLY:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:48:MET:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:48:MET:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:48:MET:CB	8	0.36
(2,7)	2:B:5:GLY:O	1:A:48:MET:CE	8	0.36
(2,7)	2:B:5:GLY:O	1:A:48:MET:CG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:48:MET:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:48:MET:HA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:48:MET:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:48:MET:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:48:MET:SD	8	0.36
(2,7)	2:B:5:GLY:O	1:A:50:SER:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:50:SER:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:50:SER:CB	8	0.36
(2,7)	2:B:5:GLY:O	1:A:50:SER:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:50:SER:HA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:50:SER:HG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:50:SER:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:50:SER:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:50:SER:OG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:51:GLU:C	8	0.36
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CB	8	0.36
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CD	8	0.36
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CG	8	0.36
(2,7)	2:B:5:GLY:O	1:A:51:GLU:H	8	0.36
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HA	8	0.36
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB2	8	0.36
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG2	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG3	8	0.36
(2,7)	2:B:5:GLY:O	1:A:51:GLU:N	8	0.36
(2,7)	2:B:5:GLY:O	1:A:51:GLU:O	8	0.36
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE1	8	0.36
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE2	8	0.36
(2,7)	2:B:5:GLY:C	1:A:10:LYS:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:10:LYS:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:10:LYS:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:10:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:C	1:A:10:LYS:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:11:TYR:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CB	17	0.33
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CZ	17	0.33
(2,7)	2:B:5:GLY:C	1:A:11:TYR:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD2	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HH	17	0.33
(2,7)	2:B:5:GLY:C	1:A:11:TYR:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:11:TYR:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:11:TYR:OH	17	0.33
(2,7)	2:B:5:GLY:C	1:A:12:LYS:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:12:LYS:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:12:LYS:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:12:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:C	1:A:12:LYS:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:16:LYS:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:16:LYS:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE3	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:16:LYS:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:16:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:C	1:A:16:LYS:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:24:LEU:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:24:LEU:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:24:LEU:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:24:LEU:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:27:GLY:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:27:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:27:GLY:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:27:GLY:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:27:GLY:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CB	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CD	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CZ	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HA	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HE	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH11	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH12	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH21	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH22	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NE	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:28:ARG:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:29:TYR:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CB	17	0.33
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CZ	17	0.33
(2,7)	2:B:5:GLY:C	1:A:29:TYR:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HH	17	0.33
(2,7)	2:B:5:GLY:C	1:A:29:TYR:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:29:TYR:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:29:TYR:OH	17	0.33
(2,7)	2:B:5:GLY:C	1:A:30:GLY:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:30:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:30:GLY:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA3	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:30:GLY:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:30:GLY:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:31:LYS:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:31:LYS:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:31:LYS:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:31:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:C	1:A:31:LYS:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:32:LEU:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:32:LEU:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:32:LEU:N	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:32:LEU:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:34:HIS:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CB	17	0.33
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CD2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CE1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:34:HIS:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HE1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:34:HIS:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:34:HIS:ND1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:34:HIS:NE2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:34:HIS:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:36:LEU:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:36:LEU:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:36:LEU:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:36:LEU:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:37:TYR:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CB	17	0.33
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD2	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CZ	17	0.33
(2,7)	2:B:5:GLY:C	1:A:37:TYR:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HH	17	0.33
(2,7)	2:B:5:GLY:C	1:A:37:TYR:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:37:TYR:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:37:TYR:OH	17	0.33
(2,7)	2:B:5:GLY:C	1:A:38:ASP:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CB	17	0.33
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:38:ASP:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:38:ASP:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:38:ASP:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:39:LEU:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:39:LEU:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD21	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:39:LEU:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:39:LEU:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:40:GLY:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:40:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:40:GLY:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:40:GLY:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:40:GLY:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:41:GLY:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:41:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:41:GLY:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:41:GLY:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:41:GLY:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:42:GLY:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:42:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:42:GLY:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:42:GLY:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:42:GLY:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:43:LYS:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:43:LYS:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG3	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:43:LYS:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:43:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:C	1:A:43:LYS:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:44:ALA:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CB	17	0.33
(2,7)	2:B:5:GLY:C	1:A:44:ALA:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:44:ALA:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:44:ALA:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:45:GLY:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:45:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:45:GLY:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:45:GLY:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:45:GLY:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:46:MET:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:46:MET:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:46:MET:CB	17	0.33
(2,7)	2:B:5:GLY:C	1:A:46:MET:CE	17	0.33
(2,7)	2:B:5:GLY:C	1:A:46:MET:CG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:46:MET:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:46:MET:HA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:46:MET:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:46:MET:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:46:MET:SD	17	0.33
(2,7)	2:B:5:GLY:C	1:A:47:GLY:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:47:GLY:CA	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:47:GLY:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:47:GLY:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:47:GLY:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:48:MET:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:48:MET:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:48:MET:CB	17	0.33
(2,7)	2:B:5:GLY:C	1:A:48:MET:CE	17	0.33
(2,7)	2:B:5:GLY:C	1:A:48:MET:CG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:48:MET:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:48:MET:HA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:48:MET:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:48:MET:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:48:MET:SD	17	0.33
(2,7)	2:B:5:GLY:C	1:A:50:SER:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:50:SER:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:50:SER:CB	17	0.33
(2,7)	2:B:5:GLY:C	1:A:50:SER:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:50:SER:HA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:50:SER:HG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:50:SER:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:50:SER:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:50:SER:OG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:51:GLU:C	17	0.33
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CB	17	0.33
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CD	17	0.33
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CG	17	0.33
(2,7)	2:B:5:GLY:C	1:A:51:GLU:H	17	0.33
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HA	17	0.33
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB3	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG2	17	0.33
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG3	17	0.33
(2,7)	2:B:5:GLY:C	1:A:51:GLU:N	17	0.33
(2,7)	2:B:5:GLY:C	1:A:51:GLU:O	17	0.33
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE1	17	0.33
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CB	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CZ	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD1	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HH	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:OH	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE2	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CB	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CD	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CZ	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:H	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HE	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH11	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH12	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH21	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH22	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NE	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CB	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CZ	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HH	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:OH	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA2	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HG	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CB	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CD2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CE1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HE1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:ND1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:NE2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CB	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD1	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CZ	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HH	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:OH	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CB	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD13	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG2	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CB	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:46:MET:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CB	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CE	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:46:MET:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:46:MET:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:46:MET:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:46:MET:SD	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:C	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:48:MET:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CB	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CE	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:48:MET:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:48:MET:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:48:MET:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:48:MET:SD	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:50:SER:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CB	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:50:SER:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:50:SER:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:50:SER:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:50:SER:OG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:C	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CB	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CD	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CG	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:H	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HA	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB2	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG2	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG3	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:N	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:O	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE1	17	0.33
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:10:LYS:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:10:LYS:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:10:LYS:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:10:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:H	1:A:10:LYS:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:11:TYR:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CB	17	0.33
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CZ	17	0.33
(2,7)	2:B:5:GLY:H	1:A:11:TYR:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB3	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HH	17	0.33
(2,7)	2:B:5:GLY:H	1:A:11:TYR:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:11:TYR:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:11:TYR:OH	17	0.33
(2,7)	2:B:5:GLY:H	1:A:12:LYS:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:12:LYS:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:12:LYS:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:12:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:H	1:A:12:LYS:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:16:LYS:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:16:LYS:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD3	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:16:LYS:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:16:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:H	1:A:16:LYS:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:24:LEU:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:24:LEU:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:24:LEU:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:24:LEU:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:27:GLY:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:27:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:27:GLY:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:27:GLY:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:27:GLY:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CB	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CD	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CZ	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:28:ARG:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HE	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH11	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH12	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH21	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH22	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NE	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:28:ARG:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:29:TYR:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CB	17	0.33
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CZ	17	0.33
(2,7)	2:B:5:GLY:H	1:A:29:TYR:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HH	17	0.33
(2,7)	2:B:5:GLY:H	1:A:29:TYR:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:29:TYR:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:29:TYR:OH	17	0.33
(2,7)	2:B:5:GLY:H	1:A:30:GLY:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:30:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:30:GLY:H	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:30:GLY:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:30:GLY:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:31:LYS:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:31:LYS:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:31:LYS:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:31:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:H	1:A:31:LYS:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:32:LEU:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:32:LEU:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD23	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:32:LEU:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:32:LEU:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:34:HIS:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CB	17	0.33
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CD2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CE1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:34:HIS:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HE1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:34:HIS:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:34:HIS:ND1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:34:HIS:NE2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:34:HIS:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:36:LEU:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:36:LEU:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:36:LEU:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:36:LEU:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:37:TYR:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CB	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CZ	17	0.33
(2,7)	2:B:5:GLY:H	1:A:37:TYR:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HH	17	0.33
(2,7)	2:B:5:GLY:H	1:A:37:TYR:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:37:TYR:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:37:TYR:OH	17	0.33
(2,7)	2:B:5:GLY:H	1:A:38:ASP:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CB	17	0.33
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:38:ASP:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:38:ASP:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:38:ASP:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:39:LEU:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:39:LEU:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD12	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:39:LEU:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:39:LEU:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:40:GLY:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:40:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:40:GLY:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:40:GLY:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:40:GLY:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:41:GLY:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:41:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:41:GLY:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:41:GLY:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:41:GLY:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:42:GLY:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:42:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:42:GLY:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:42:GLY:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:42:GLY:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:43:LYS:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:43:LYS:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE3	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:43:LYS:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:43:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:H	1:A:43:LYS:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:44:ALA:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CB	17	0.33
(2,7)	2:B:5:GLY:H	1:A:44:ALA:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:44:ALA:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:44:ALA:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:45:GLY:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:45:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:45:GLY:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:45:GLY:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:45:GLY:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:46:MET:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:46:MET:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:46:MET:CB	17	0.33
(2,7)	2:B:5:GLY:H	1:A:46:MET:CE	17	0.33
(2,7)	2:B:5:GLY:H	1:A:46:MET:CG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:46:MET:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:46:MET:HA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:46:MET:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:46:MET:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:46:MET:SD	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:47:GLY:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:47:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:47:GLY:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:47:GLY:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:47:GLY:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:48:MET:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:48:MET:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:48:MET:CB	17	0.33
(2,7)	2:B:5:GLY:H	1:A:48:MET:CE	17	0.33
(2,7)	2:B:5:GLY:H	1:A:48:MET:CG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:48:MET:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:48:MET:HA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:48:MET:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:48:MET:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:48:MET:SD	17	0.33
(2,7)	2:B:5:GLY:H	1:A:50:SER:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:50:SER:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:50:SER:CB	17	0.33
(2,7)	2:B:5:GLY:H	1:A:50:SER:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:50:SER:HA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:50:SER:HG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:50:SER:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:50:SER:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:50:SER:OG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:51:GLU:C	17	0.33
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CA	17	0.33
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CB	17	0.33
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CD	17	0.33
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CG	17	0.33
(2,7)	2:B:5:GLY:H	1:A:51:GLU:H	17	0.33
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HA	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG2	17	0.33
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG3	17	0.33
(2,7)	2:B:5:GLY:H	1:A:51:GLU:N	17	0.33
(2,7)	2:B:5:GLY:H	1:A:51:GLU:O	17	0.33
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE1	17	0.33
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CB	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CZ	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB2	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HH	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:OH	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD2	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CB	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CD	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CG	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CZ	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HE	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH11	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH12	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH21	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH22	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NE	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CB	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CZ	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HH	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:OH	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:CA	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD22	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CB	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CD2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CE1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HE1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:ND1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:NE2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CA	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CB	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CZ	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HH	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:OH	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CB	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD11	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE2	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CB	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CB	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CE	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:O	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:SD	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CB	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CE	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:SD	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CB	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:H	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:OG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:C	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CB	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CD	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CG	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:H	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HA	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG2	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG3	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:N	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:O	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE1	17	0.33
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CB	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CZ	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HA	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HH	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:OH	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB3	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CB	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CD	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CZ	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HE	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH11	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH12	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH21	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH22	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NE	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CB	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CZ	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HH	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:OH	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:C	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD21	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CB	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CD2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CE1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HE1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:ND1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:NE2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:C	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CB	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CZ	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HH	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:OH	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CB	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB3	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD3	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CB	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CB	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CE	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:N	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:SD	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CB	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CE	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:SD	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CB	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:OG	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:C	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CB	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CD	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CG	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:H	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HA	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG2	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG3	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:N	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:O	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE1	17	0.33
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:10:LYS:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:10:LYS:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:10:LYS:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:10:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:N	1:A:10:LYS:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:11:TYR:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CB	17	0.33
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CZ	17	0.33
(2,7)	2:B:5:GLY:N	1:A:11:TYR:H	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HH	17	0.33
(2,7)	2:B:5:GLY:N	1:A:11:TYR:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:11:TYR:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:11:TYR:OH	17	0.33
(2,7)	2:B:5:GLY:N	1:A:12:LYS:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:12:LYS:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:12:LYS:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:12:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:N	1:A:12:LYS:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:16:LYS:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:16:LYS:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB2	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:16:LYS:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:16:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:N	1:A:16:LYS:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:24:LEU:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:24:LEU:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:24:LEU:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:24:LEU:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:27:GLY:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:27:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:27:GLY:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:27:GLY:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:27:GLY:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CB	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CD	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CZ	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HE	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH11	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH12	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH21	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH22	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NE	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:28:ARG:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:29:TYR:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CB	17	0.33
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CZ	17	0.33
(2,7)	2:B:5:GLY:N	1:A:29:TYR:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HH	17	0.33
(2,7)	2:B:5:GLY:N	1:A:29:TYR:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:29:TYR:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:29:TYR:OH	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:30:GLY:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:30:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:30:GLY:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:30:GLY:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:30:GLY:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:31:LYS:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:31:LYS:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:31:LYS:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:31:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:N	1:A:31:LYS:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:32:LEU:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:32:LEU:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD13	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:32:LEU:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:32:LEU:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:34:HIS:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CB	17	0.33
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CD2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CE1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:34:HIS:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HE1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:34:HIS:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:34:HIS:ND1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:34:HIS:NE2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:34:HIS:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:36:LEU:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:36:LEU:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:36:LEU:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:36:LEU:O	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:37:TYR:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CB	17	0.33
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CZ	17	0.33
(2,7)	2:B:5:GLY:N	1:A:37:TYR:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HH	17	0.33
(2,7)	2:B:5:GLY:N	1:A:37:TYR:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:37:TYR:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:37:TYR:OH	17	0.33
(2,7)	2:B:5:GLY:N	1:A:38:ASP:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CB	17	0.33
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:38:ASP:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:38:ASP:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:38:ASP:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:39:LEU:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:39:LEU:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB2	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:39:LEU:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:39:LEU:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:40:GLY:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:40:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:40:GLY:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:40:GLY:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:40:GLY:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:41:GLY:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:41:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:41:GLY:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:41:GLY:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:41:GLY:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:42:GLY:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:42:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:42:GLY:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:42:GLY:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:42:GLY:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:43:LYS:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:43:LYS:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD2	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:43:LYS:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:43:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:N	1:A:43:LYS:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:44:ALA:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CB	17	0.33
(2,7)	2:B:5:GLY:N	1:A:44:ALA:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:44:ALA:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:44:ALA:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:45:GLY:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:45:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:45:GLY:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:45:GLY:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:45:GLY:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:46:MET:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:46:MET:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:46:MET:CB	17	0.33
(2,7)	2:B:5:GLY:N	1:A:46:MET:CE	17	0.33
(2,7)	2:B:5:GLY:N	1:A:46:MET:CG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:46:MET:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:46:MET:HA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG3	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:46:MET:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:46:MET:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:46:MET:SD	17	0.33
(2,7)	2:B:5:GLY:N	1:A:47:GLY:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:47:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:47:GLY:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:47:GLY:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:47:GLY:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:48:MET:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:48:MET:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:48:MET:CB	17	0.33
(2,7)	2:B:5:GLY:N	1:A:48:MET:CE	17	0.33
(2,7)	2:B:5:GLY:N	1:A:48:MET:CG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:48:MET:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:48:MET:HA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:48:MET:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:48:MET:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:48:MET:SD	17	0.33
(2,7)	2:B:5:GLY:N	1:A:50:SER:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:50:SER:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:50:SER:CB	17	0.33
(2,7)	2:B:5:GLY:N	1:A:50:SER:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:50:SER:HA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:50:SER:HG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:50:SER:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:50:SER:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:50:SER:OG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:51:GLU:C	17	0.33
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CB	17	0.33
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CD	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CG	17	0.33
(2,7)	2:B:5:GLY:N	1:A:51:GLU:H	17	0.33
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HA	17	0.33
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG2	17	0.33
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG3	17	0.33
(2,7)	2:B:5:GLY:N	1:A:51:GLU:N	17	0.33
(2,7)	2:B:5:GLY:N	1:A:51:GLU:O	17	0.33
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE1	17	0.33
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:10:LYS:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:10:LYS:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:10:LYS:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:10:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:O	1:A:10:LYS:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:11:TYR:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CB	17	0.33
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CZ	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:11:TYR:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HH	17	0.33
(2,7)	2:B:5:GLY:O	1:A:11:TYR:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:11:TYR:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:11:TYR:OH	17	0.33
(2,7)	2:B:5:GLY:O	1:A:12:LYS:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:12:LYS:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:12:LYS:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:12:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:O	1:A:12:LYS:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:16:LYS:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:16:LYS:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HA	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:16:LYS:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:16:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:O	1:A:16:LYS:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:24:LEU:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:24:LEU:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:24:LEU:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:24:LEU:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:27:GLY:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:27:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:27:GLY:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:27:GLY:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:27:GLY:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CA	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CB	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CD	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CZ	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HE	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH11	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH12	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH21	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH22	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NE	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:28:ARG:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:29:TYR:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CB	17	0.33
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CZ	17	0.33
(2,7)	2:B:5:GLY:O	1:A:29:TYR:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HH	17	0.33
(2,7)	2:B:5:GLY:O	1:A:29:TYR:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:29:TYR:O	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:29:TYR:OH	17	0.33
(2,7)	2:B:5:GLY:O	1:A:30:GLY:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:30:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:30:GLY:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:30:GLY:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:30:GLY:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:31:LYS:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:31:LYS:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:31:LYS:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:31:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:O	1:A:31:LYS:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:32:LEU:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:32:LEU:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD12	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:32:LEU:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:32:LEU:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:34:HIS:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CB	17	0.33
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CD2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CE1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:34:HIS:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HE1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:34:HIS:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:34:HIS:ND1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:34:HIS:NE2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:34:HIS:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:36:LEU:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:36:LEU:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:36:LEU:N	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:36:LEU:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:37:TYR:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CB	17	0.33
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CZ	17	0.33
(2,7)	2:B:5:GLY:O	1:A:37:TYR:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HH	17	0.33
(2,7)	2:B:5:GLY:O	1:A:37:TYR:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:37:TYR:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:37:TYR:OH	17	0.33
(2,7)	2:B:5:GLY:O	1:A:38:ASP:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CB	17	0.33
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:38:ASP:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:38:ASP:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:38:ASP:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:39:LEU:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CB	17	0.33
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:39:LEU:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HA	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD11	17	0.33
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD12	17	0.33
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD13	17	0.33
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD21	17	0.33
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD22	17	0.33
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD23	17	0.33
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:39:LEU:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:39:LEU:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:40:GLY:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:40:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:40:GLY:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:40:GLY:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:40:GLY:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:41:GLY:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:41:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:41:GLY:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:41:GLY:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:41:GLY:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:42:GLY:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:42:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:42:GLY:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:42:GLY:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:42:GLY:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:43:LYS:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CB	17	0.33
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CD	17	0.33
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CE	17	0.33
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:43:LYS:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB3	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:43:LYS:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:43:LYS:NZ	17	0.33
(2,7)	2:B:5:GLY:O	1:A:43:LYS:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:44:ALA:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CB	17	0.33
(2,7)	2:B:5:GLY:O	1:A:44:ALA:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:44:ALA:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:44:ALA:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:45:GLY:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:45:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:45:GLY:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:45:GLY:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:45:GLY:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:46:MET:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:46:MET:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:46:MET:CB	17	0.33
(2,7)	2:B:5:GLY:O	1:A:46:MET:CE	17	0.33
(2,7)	2:B:5:GLY:O	1:A:46:MET:CG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:46:MET:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:46:MET:HA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG2	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:46:MET:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:46:MET:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:46:MET:SD	17	0.33
(2,7)	2:B:5:GLY:O	1:A:47:GLY:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:47:GLY:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:47:GLY:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:47:GLY:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:47:GLY:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:48:MET:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:48:MET:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:48:MET:CB	17	0.33
(2,7)	2:B:5:GLY:O	1:A:48:MET:CE	17	0.33
(2,7)	2:B:5:GLY:O	1:A:48:MET:CG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:48:MET:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:48:MET:HA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:48:MET:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:48:MET:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:48:MET:SD	17	0.33
(2,7)	2:B:5:GLY:O	1:A:50:SER:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:50:SER:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:50:SER:CB	17	0.33
(2,7)	2:B:5:GLY:O	1:A:50:SER:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:50:SER:HA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:50:SER:HG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:50:SER:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:50:SER:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:50:SER:OG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:51:GLU:C	17	0.33
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CB	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CD	17	0.33
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CG	17	0.33
(2,7)	2:B:5:GLY:O	1:A:51:GLU:H	17	0.33
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HA	17	0.33
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG2	17	0.33
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG3	17	0.33
(2,7)	2:B:5:GLY:O	1:A:51:GLU:N	17	0.33
(2,7)	2:B:5:GLY:O	1:A:51:GLU:O	17	0.33
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE1	17	0.33
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE2	17	0.33
(2,3)	1:A:44:ALA:C	2:B:3:GLY:C	18	0.33
(2,3)	1:A:44:ALA:C	2:B:3:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:C	2:B:3:GLY:H	18	0.33
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:C	2:B:3:GLY:N	18	0.33
(2,3)	1:A:44:ALA:C	2:B:3:GLY:O	18	0.33
(2,3)	1:A:44:ALA:C	2:B:4:GLU:C	18	0.33
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:C	2:B:4:GLU:H	18	0.33
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:C	2:B:4:GLU:N	18	0.33
(2,3)	1:A:44:ALA:C	2:B:4:GLU:O	18	0.33
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:5:GLY:C	18	0.33
(2,3)	1:A:44:ALA:C	2:B:5:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:C	2:B:5:GLY:H	18	0.33
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:C	2:B:5:GLY:N	18	0.33
(2,3)	1:A:44:ALA:C	2:B:5:GLY:O	18	0.33
(2,3)	1:A:44:ALA:C	2:B:6:GLU:C	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:C	2:B:6:GLU:H	18	0.33
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:C	2:B:6:GLU:N	18	0.33
(2,3)	1:A:44:ALA:C	2:B:6:GLU:O	18	0.33
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:7:GLU:C	18	0.33
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:C	2:B:7:GLU:H	18	0.33
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:C	2:B:7:GLU:N	18	0.33
(2,3)	1:A:44:ALA:C	2:B:7:GLU:O	18	0.33
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:8:GLU:C	18	0.33
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:C	2:B:8:GLU:H	18	0.33
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:C	2:B:8:GLU:N	18	0.33
(2,3)	1:A:44:ALA:C	2:B:8:GLU:O	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:9:GLY:C	18	0.33
(2,3)	1:A:44:ALA:C	2:B:9:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:C	2:B:9:GLY:H	18	0.33
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:C	2:B:9:GLY:N	18	0.33
(2,3)	1:A:44:ALA:C	2:B:9:GLY:O	18	0.33
(2,3)	1:A:44:ALA:C	2:B:10:GLU:C	18	0.33
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:C	2:B:10:GLU:H	18	0.33
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:C	2:B:10:GLU:N	18	0.33
(2,3)	1:A:44:ALA:C	2:B:10:GLU:O	18	0.33
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:11:GLU:C	18	0.33
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:C	2:B:11:GLU:H	18	0.33
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:C	2:B:11:GLU:N	18	0.33
(2,3)	1:A:44:ALA:C	2:B:11:GLU:O	18	0.33
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:12:TYR:C	18	0.33
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CA	18	0.33
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CB	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD1	18	0.33
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE1	18	0.33
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CG	18	0.33
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CZ	18	0.33
(2,3)	1:A:44:ALA:C	2:B:12:TYR:H	18	0.33
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HA	18	0.33
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB3	18	0.33
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD1	18	0.33
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE1	18	0.33
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE2	18	0.33
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HH	18	0.33
(2,3)	1:A:44:ALA:C	2:B:12:TYR:N	18	0.33
(2,3)	1:A:44:ALA:C	2:B:12:TYR:O	18	0.33
(2,3)	1:A:44:ALA:C	2:B:12:TYR:OH	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:C	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:H	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:N	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:O	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:C	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:H	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:N	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:O	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:C	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:CA	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:H	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:N	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:O	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:C	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:H	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:N	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:O	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:C	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:H	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:N	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:O	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:C	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:H	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HA	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:N	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:O	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:C	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:H	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:N	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:O	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:C	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:H	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:N	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:O	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:C	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:H	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:N	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:O	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:C	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CA	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CB	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD1	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE1	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CG	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CZ	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:H	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HA	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB3	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD1	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE1	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE2	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HH	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:N	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:O	18	0.33
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:OH	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:C	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:H	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:N	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:O	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:C	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:H	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG3	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:N	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:O	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:C	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:H	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:N	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:O	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:C	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:H	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:N	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:O	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:C	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:H	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:N	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:O	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:C	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:H	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:N	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:O	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:C	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:H	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:N	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:O	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:C	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:H	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:N	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:O	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:C	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:H	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:N	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:O	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:C	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CA	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CB	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD1	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE1	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CG	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CZ	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:H	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HA	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB3	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD1	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE1	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE2	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HH	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:N	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:O	18	0.33
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:OH	18	0.33
(2,3)	1:A:44:ALA:H	2:B:3:GLY:C	18	0.33
(2,3)	1:A:44:ALA:H	2:B:3:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:H	2:B:3:GLY:H	18	0.33
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:H	2:B:3:GLY:N	18	0.33
(2,3)	1:A:44:ALA:H	2:B:3:GLY:O	18	0.33
(2,3)	1:A:44:ALA:H	2:B:4:GLU:C	18	0.33
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CG	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:4:GLU:H	18	0.33
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:H	2:B:4:GLU:N	18	0.33
(2,3)	1:A:44:ALA:H	2:B:4:GLU:O	18	0.33
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:5:GLY:C	18	0.33
(2,3)	1:A:44:ALA:H	2:B:5:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:H	2:B:5:GLY:H	18	0.33
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:H	2:B:5:GLY:N	18	0.33
(2,3)	1:A:44:ALA:H	2:B:5:GLY:O	18	0.33
(2,3)	1:A:44:ALA:H	2:B:6:GLU:C	18	0.33
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:H	2:B:6:GLU:H	18	0.33
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:H	2:B:6:GLU:N	18	0.33
(2,3)	1:A:44:ALA:H	2:B:6:GLU:O	18	0.33
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:7:GLU:C	18	0.33
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:H	2:B:7:GLU:H	18	0.33
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG2	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:H	2:B:7:GLU:N	18	0.33
(2,3)	1:A:44:ALA:H	2:B:7:GLU:O	18	0.33
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:8:GLU:C	18	0.33
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:H	2:B:8:GLU:H	18	0.33
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:H	2:B:8:GLU:N	18	0.33
(2,3)	1:A:44:ALA:H	2:B:8:GLU:O	18	0.33
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:9:GLY:C	18	0.33
(2,3)	1:A:44:ALA:H	2:B:9:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:H	2:B:9:GLY:H	18	0.33
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:H	2:B:9:GLY:N	18	0.33
(2,3)	1:A:44:ALA:H	2:B:9:GLY:O	18	0.33
(2,3)	1:A:44:ALA:H	2:B:10:GLU:C	18	0.33
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:H	2:B:10:GLU:H	18	0.33
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:H	2:B:10:GLU:N	18	0.33
(2,3)	1:A:44:ALA:H	2:B:10:GLU:O	18	0.33
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE2	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:11:GLU:C	18	0.33
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:H	2:B:11:GLU:H	18	0.33
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:H	2:B:11:GLU:N	18	0.33
(2,3)	1:A:44:ALA:H	2:B:11:GLU:O	18	0.33
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:12:TYR:C	18	0.33
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CA	18	0.33
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CB	18	0.33
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD1	18	0.33
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE1	18	0.33
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CG	18	0.33
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CZ	18	0.33
(2,3)	1:A:44:ALA:H	2:B:12:TYR:H	18	0.33
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HA	18	0.33
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB3	18	0.33
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD1	18	0.33
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE1	18	0.33
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE2	18	0.33
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HH	18	0.33
(2,3)	1:A:44:ALA:H	2:B:12:TYR:N	18	0.33
(2,3)	1:A:44:ALA:H	2:B:12:TYR:O	18	0.33
(2,3)	1:A:44:ALA:H	2:B:12:TYR:OH	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:C	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:H	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:N	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:O	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:O	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:C	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:H	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:N	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:O	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:O	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CD	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:O	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:O	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:C	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:H	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:N	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:O	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB3	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:O	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:O	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:C	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CA	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CB	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD1	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE1	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CG	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CZ	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:H	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HA	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB3	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD1	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE1	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE2	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HH	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:N	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:O	18	0.33
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:OH	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:C	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:H	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:N	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:O	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:O	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:C	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:H	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:N	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:O	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:O	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:O	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:O	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:C	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:H	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:N	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:O	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CB	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:O	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:O	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:C	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CA	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CB	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD1	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE1	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CG	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CZ	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:H	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HA	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB3	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD1	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD2	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE1	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE2	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HH	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:N	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:O	18	0.33
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:OH	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:C	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:H	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:N	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:O	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:O	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:C	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:H	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:N	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:O	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HA	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:O	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:O	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:O	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:C	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:H	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA2	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:N	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:O	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:O	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:O	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:C	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CA	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CB	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD1	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE1	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CG	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CZ	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:H	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HA	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB3	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD1	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE1	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE2	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HH	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:N	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:O	18	0.33
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:OH	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:C	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:H	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:N	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:O	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:O	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:C	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:H	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:N	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:O	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:C	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:O	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:O	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:O	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:C	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:H	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:N	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:O	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:O	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:C	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:H	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:N	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:O	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:C	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CA	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CB	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD1	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE1	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CG	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CZ	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:H	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HA	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB3	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD1	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE1	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE2	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HH	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:N	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:O	18	0.33
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:OH	18	0.33
(2,3)	1:A:44:ALA:N	2:B:3:GLY:C	18	0.33
(2,3)	1:A:44:ALA:N	2:B:3:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:N	2:B:3:GLY:H	18	0.33
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:N	2:B:3:GLY:N	18	0.33
(2,3)	1:A:44:ALA:N	2:B:3:GLY:O	18	0.33
(2,3)	1:A:44:ALA:N	2:B:4:GLU:C	18	0.33
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:N	2:B:4:GLU:H	18	0.33
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:N	2:B:4:GLU:N	18	0.33
(2,3)	1:A:44:ALA:N	2:B:4:GLU:O	18	0.33
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:5:GLY:C	18	0.33
(2,3)	1:A:44:ALA:N	2:B:5:GLY:CA	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:5:GLY:H	18	0.33
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:N	2:B:5:GLY:N	18	0.33
(2,3)	1:A:44:ALA:N	2:B:5:GLY:O	18	0.33
(2,3)	1:A:44:ALA:N	2:B:6:GLU:C	18	0.33
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:N	2:B:6:GLU:H	18	0.33
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:N	2:B:6:GLU:N	18	0.33
(2,3)	1:A:44:ALA:N	2:B:6:GLU:O	18	0.33
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:7:GLU:C	18	0.33
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:N	2:B:7:GLU:H	18	0.33
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:N	2:B:7:GLU:N	18	0.33
(2,3)	1:A:44:ALA:N	2:B:7:GLU:O	18	0.33
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:8:GLU:C	18	0.33
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:N	2:B:8:GLU:H	18	0.33
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HA	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:N	2:B:8:GLU:N	18	0.33
(2,3)	1:A:44:ALA:N	2:B:8:GLU:O	18	0.33
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:9:GLY:C	18	0.33
(2,3)	1:A:44:ALA:N	2:B:9:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:N	2:B:9:GLY:H	18	0.33
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:N	2:B:9:GLY:N	18	0.33
(2,3)	1:A:44:ALA:N	2:B:9:GLY:O	18	0.33
(2,3)	1:A:44:ALA:N	2:B:10:GLU:C	18	0.33
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:N	2:B:10:GLU:H	18	0.33
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:N	2:B:10:GLU:N	18	0.33
(2,3)	1:A:44:ALA:N	2:B:10:GLU:O	18	0.33
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:11:GLU:C	18	0.33
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:N	2:B:11:GLU:H	18	0.33
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:N	2:B:11:GLU:N	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:11:GLU:O	18	0.33
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:12:TYR:C	18	0.33
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CA	18	0.33
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CB	18	0.33
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD1	18	0.33
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE1	18	0.33
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CG	18	0.33
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CZ	18	0.33
(2,3)	1:A:44:ALA:N	2:B:12:TYR:H	18	0.33
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HA	18	0.33
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB3	18	0.33
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD1	18	0.33
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE1	18	0.33
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE2	18	0.33
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HH	18	0.33
(2,3)	1:A:44:ALA:N	2:B:12:TYR:N	18	0.33
(2,3)	1:A:44:ALA:N	2:B:12:TYR:O	18	0.33
(2,3)	1:A:44:ALA:N	2:B:12:TYR:OH	18	0.33
(2,3)	1:A:44:ALA:O	2:B:3:GLY:C	18	0.33
(2,3)	1:A:44:ALA:O	2:B:3:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:O	2:B:3:GLY:H	18	0.33
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:O	2:B:3:GLY:N	18	0.33
(2,3)	1:A:44:ALA:O	2:B:3:GLY:O	18	0.33
(2,3)	1:A:44:ALA:O	2:B:4:GLU:C	18	0.33
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:O	2:B:4:GLU:H	18	0.33
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG3	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:4:GLU:N	18	0.33
(2,3)	1:A:44:ALA:O	2:B:4:GLU:O	18	0.33
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:5:GLY:C	18	0.33
(2,3)	1:A:44:ALA:O	2:B:5:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:O	2:B:5:GLY:H	18	0.33
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:O	2:B:5:GLY:N	18	0.33
(2,3)	1:A:44:ALA:O	2:B:5:GLY:O	18	0.33
(2,3)	1:A:44:ALA:O	2:B:6:GLU:C	18	0.33
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:O	2:B:6:GLU:H	18	0.33
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:O	2:B:6:GLU:N	18	0.33
(2,3)	1:A:44:ALA:O	2:B:6:GLU:O	18	0.33
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:7:GLU:C	18	0.33
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:O	2:B:7:GLU:H	18	0.33
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:O	2:B:7:GLU:N	18	0.33
(2,3)	1:A:44:ALA:O	2:B:7:GLU:O	18	0.33
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:8:GLU:C	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:O	2:B:8:GLU:H	18	0.33
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:O	2:B:8:GLU:N	18	0.33
(2,3)	1:A:44:ALA:O	2:B:8:GLU:O	18	0.33
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:9:GLY:C	18	0.33
(2,3)	1:A:44:ALA:O	2:B:9:GLY:CA	18	0.33
(2,3)	1:A:44:ALA:O	2:B:9:GLY:H	18	0.33
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA3	18	0.33
(2,3)	1:A:44:ALA:O	2:B:9:GLY:N	18	0.33
(2,3)	1:A:44:ALA:O	2:B:9:GLY:O	18	0.33
(2,3)	1:A:44:ALA:O	2:B:10:GLU:C	18	0.33
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:O	2:B:10:GLU:H	18	0.33
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:O	2:B:10:GLU:N	18	0.33
(2,3)	1:A:44:ALA:O	2:B:10:GLU:O	18	0.33
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:11:GLU:C	18	0.33
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CA	18	0.33
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CB	18	0.33
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CD	18	0.33
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CG	18	0.33
(2,3)	1:A:44:ALA:O	2:B:11:GLU:H	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HA	18	0.33
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB3	18	0.33
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG3	18	0.33
(2,3)	1:A:44:ALA:O	2:B:11:GLU:N	18	0.33
(2,3)	1:A:44:ALA:O	2:B:11:GLU:O	18	0.33
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE1	18	0.33
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:12:TYR:C	18	0.33
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CA	18	0.33
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CB	18	0.33
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD1	18	0.33
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE1	18	0.33
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CG	18	0.33
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CZ	18	0.33
(2,3)	1:A:44:ALA:O	2:B:12:TYR:H	18	0.33
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HA	18	0.33
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB3	18	0.33
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD1	18	0.33
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE1	18	0.33
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE2	18	0.33
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HH	18	0.33
(2,3)	1:A:44:ALA:O	2:B:12:TYR:N	18	0.33
(2,3)	1:A:44:ALA:O	2:B:12:TYR:O	18	0.33
(2,3)	1:A:44:ALA:O	2:B:12:TYR:OH	18	0.33
(2,7)	2:B:5:GLY:C	1:A:10:LYS:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:10:LYS:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD3	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:10:LYS:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:10:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:C	1:A:10:LYS:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:11:TYR:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CB	16	0.28
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CZ	16	0.28
(2,7)	2:B:5:GLY:C	1:A:11:TYR:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HH	16	0.28
(2,7)	2:B:5:GLY:C	1:A:11:TYR:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:11:TYR:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:11:TYR:OH	16	0.28
(2,7)	2:B:5:GLY:C	1:A:12:LYS:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:12:LYS:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD2	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:12:LYS:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:12:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:C	1:A:12:LYS:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:16:LYS:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:16:LYS:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:16:LYS:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:16:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:C	1:A:16:LYS:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:24:LEU:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:24:LEU:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB2	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:24:LEU:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:24:LEU:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:27:GLY:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:27:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:27:GLY:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:27:GLY:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:27:GLY:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CB	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CD	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CZ	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HE	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH11	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH12	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH21	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH22	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NE	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:28:ARG:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:29:TYR:C	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CB	16	0.28
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CZ	16	0.28
(2,7)	2:B:5:GLY:C	1:A:29:TYR:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HH	16	0.28
(2,7)	2:B:5:GLY:C	1:A:29:TYR:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:29:TYR:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:29:TYR:OH	16	0.28
(2,7)	2:B:5:GLY:C	1:A:30:GLY:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:30:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:30:GLY:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:30:GLY:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:30:GLY:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:31:LYS:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:31:LYS:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG2	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:31:LYS:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:31:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:C	1:A:31:LYS:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:32:LEU:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:32:LEU:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:32:LEU:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:32:LEU:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:34:HIS:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CB	16	0.28
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CD2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CE1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:34:HIS:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HE1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:34:HIS:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:34:HIS:ND1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:34:HIS:NE2	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:34:HIS:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:36:LEU:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:36:LEU:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:36:LEU:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:36:LEU:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:37:TYR:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CB	16	0.28
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CZ	16	0.28
(2,7)	2:B:5:GLY:C	1:A:37:TYR:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HH	16	0.28
(2,7)	2:B:5:GLY:C	1:A:37:TYR:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:37:TYR:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:37:TYR:OH	16	0.28
(2,7)	2:B:5:GLY:C	1:A:38:ASP:C	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CB	16	0.28
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:38:ASP:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:38:ASP:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:38:ASP:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:39:LEU:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:39:LEU:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:39:LEU:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:39:LEU:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:40:GLY:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:40:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:40:GLY:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:40:GLY:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:40:GLY:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:41:GLY:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:41:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:41:GLY:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA3	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:41:GLY:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:41:GLY:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:42:GLY:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:42:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:42:GLY:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:42:GLY:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:42:GLY:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:43:LYS:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:43:LYS:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:43:LYS:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:43:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:C	1:A:43:LYS:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:44:ALA:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CB	16	0.28
(2,7)	2:B:5:GLY:C	1:A:44:ALA:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:44:ALA:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:44:ALA:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:45:GLY:C	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:45:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:45:GLY:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:45:GLY:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:45:GLY:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:46:MET:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:46:MET:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:46:MET:CB	16	0.28
(2,7)	2:B:5:GLY:C	1:A:46:MET:CE	16	0.28
(2,7)	2:B:5:GLY:C	1:A:46:MET:CG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:46:MET:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:46:MET:HA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:46:MET:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:46:MET:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:46:MET:SD	16	0.28
(2,7)	2:B:5:GLY:C	1:A:47:GLY:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:47:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:47:GLY:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:47:GLY:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:47:GLY:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:48:MET:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:48:MET:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:48:MET:CB	16	0.28
(2,7)	2:B:5:GLY:C	1:A:48:MET:CE	16	0.28
(2,7)	2:B:5:GLY:C	1:A:48:MET:CG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:48:MET:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:48:MET:HA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE3	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:48:MET:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:48:MET:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:48:MET:SD	16	0.28
(2,7)	2:B:5:GLY:C	1:A:50:SER:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:50:SER:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:50:SER:CB	16	0.28
(2,7)	2:B:5:GLY:C	1:A:50:SER:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:50:SER:HA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:50:SER:HG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:50:SER:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:50:SER:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:50:SER:OG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:51:GLU:C	16	0.28
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CB	16	0.28
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CD	16	0.28
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CG	16	0.28
(2,7)	2:B:5:GLY:C	1:A:51:GLU:H	16	0.28
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HA	16	0.28
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG2	16	0.28
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG3	16	0.28
(2,7)	2:B:5:GLY:C	1:A:51:GLU:N	16	0.28
(2,7)	2:B:5:GLY:C	1:A:51:GLU:O	16	0.28
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE1	16	0.28
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD2	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CB	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CZ	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HH	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:OH	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB3	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HA	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CB	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CD	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CZ	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HE	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH11	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH12	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH21	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH22	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NE	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:O	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CB	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CZ	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HH	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:OH	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE3	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CB	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CD2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CE1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HE1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:ND1	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:NE2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CB	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CZ	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HH	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:OH	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CB	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA2	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CB	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:O	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:46:MET:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CB	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CE	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:46:MET:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:46:MET:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:46:MET:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:46:MET:SD	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:48:MET:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CB	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CE	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:48:MET:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE2	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:48:MET:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:48:MET:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:48:MET:SD	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:50:SER:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CB	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:50:SER:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:50:SER:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:50:SER:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:50:SER:OG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:C	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CB	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CD	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CG	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:H	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HA	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG2	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG3	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:N	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:O	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE1	16	0.28
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:10:LYS:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:10:LYS:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB3	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:10:LYS:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:10:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:H	1:A:10:LYS:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:11:TYR:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CB	16	0.28
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CZ	16	0.28
(2,7)	2:B:5:GLY:H	1:A:11:TYR:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HH	16	0.28
(2,7)	2:B:5:GLY:H	1:A:11:TYR:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:11:TYR:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:11:TYR:OH	16	0.28
(2,7)	2:B:5:GLY:H	1:A:12:LYS:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:12:LYS:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB2	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:12:LYS:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:12:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:H	1:A:12:LYS:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:16:LYS:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:16:LYS:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:16:LYS:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:16:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:H	1:A:16:LYS:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:24:LEU:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:24:LEU:H	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:24:LEU:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:24:LEU:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:27:GLY:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:27:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:27:GLY:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:27:GLY:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:27:GLY:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CB	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CD	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CZ	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HE	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH11	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH12	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH21	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH22	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NE	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH2	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:28:ARG:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:29:TYR:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CB	16	0.28
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CZ	16	0.28
(2,7)	2:B:5:GLY:H	1:A:29:TYR:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HH	16	0.28
(2,7)	2:B:5:GLY:H	1:A:29:TYR:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:29:TYR:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:29:TYR:OH	16	0.28
(2,7)	2:B:5:GLY:H	1:A:30:GLY:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:30:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:30:GLY:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:30:GLY:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:30:GLY:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:31:LYS:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:31:LYS:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE2	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:31:LYS:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:31:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:H	1:A:31:LYS:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:32:LEU:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:32:LEU:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:32:LEU:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:32:LEU:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:34:HIS:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CB	16	0.28
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CD2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CE1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:34:HIS:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HE1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:34:HIS:N	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:34:HIS:ND1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:34:HIS:NE2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:34:HIS:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:36:LEU:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:36:LEU:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:36:LEU:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:36:LEU:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:37:TYR:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CB	16	0.28
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CZ	16	0.28
(2,7)	2:B:5:GLY:H	1:A:37:TYR:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HH	16	0.28
(2,7)	2:B:5:GLY:H	1:A:37:TYR:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:37:TYR:O	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:37:TYR:OH	16	0.28
(2,7)	2:B:5:GLY:H	1:A:38:ASP:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CB	16	0.28
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:38:ASP:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:38:ASP:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:38:ASP:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:39:LEU:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:39:LEU:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:39:LEU:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:39:LEU:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:40:GLY:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:40:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:40:GLY:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:40:GLY:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:40:GLY:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:41:GLY:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:41:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:41:GLY:H	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:41:GLY:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:41:GLY:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:42:GLY:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:42:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:42:GLY:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:42:GLY:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:42:GLY:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:43:LYS:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:43:LYS:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:43:LYS:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:43:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:H	1:A:43:LYS:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:44:ALA:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CB	16	0.28
(2,7)	2:B:5:GLY:H	1:A:44:ALA:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:44:ALA:N	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:44:ALA:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:45:GLY:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:45:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:45:GLY:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:45:GLY:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:45:GLY:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:46:MET:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:46:MET:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:46:MET:CB	16	0.28
(2,7)	2:B:5:GLY:H	1:A:46:MET:CE	16	0.28
(2,7)	2:B:5:GLY:H	1:A:46:MET:CG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:46:MET:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:46:MET:HA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:46:MET:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:46:MET:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:46:MET:SD	16	0.28
(2,7)	2:B:5:GLY:H	1:A:47:GLY:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:47:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:47:GLY:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:47:GLY:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:47:GLY:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:48:MET:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:48:MET:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:48:MET:CB	16	0.28
(2,7)	2:B:5:GLY:H	1:A:48:MET:CE	16	0.28
(2,7)	2:B:5:GLY:H	1:A:48:MET:CG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:48:MET:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:48:MET:HA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE1	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:48:MET:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:48:MET:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:48:MET:SD	16	0.28
(2,7)	2:B:5:GLY:H	1:A:50:SER:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:50:SER:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:50:SER:CB	16	0.28
(2,7)	2:B:5:GLY:H	1:A:50:SER:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:50:SER:HA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:50:SER:HG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:50:SER:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:50:SER:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:50:SER:OG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:51:GLU:C	16	0.28
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CB	16	0.28
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CD	16	0.28
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CG	16	0.28
(2,7)	2:B:5:GLY:H	1:A:51:GLU:H	16	0.28
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HA	16	0.28
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG2	16	0.28
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG3	16	0.28
(2,7)	2:B:5:GLY:H	1:A:51:GLU:N	16	0.28
(2,7)	2:B:5:GLY:H	1:A:51:GLU:O	16	0.28
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE1	16	0.28
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB2	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CB	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CZ	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HH	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:OH	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HA	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CG	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CB	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CD	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CZ	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HE	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH11	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH12	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH21	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH22	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NE	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH1	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CB	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CZ	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HH	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:OH	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD3	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CB	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CD2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CE1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HE1	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:ND1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:NE2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CB	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CZ	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HH	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:N	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:OH	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CB	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:CA	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CB	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB3	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CB	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CE	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:SD	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CB	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CE	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB3	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:SD	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CB	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:OG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:C	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CB	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CD	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CG	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:H	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HA	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG2	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG3	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:N	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:O	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE1	16	0.28
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HA	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CB	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CZ	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HH	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:OH	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:H	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD2	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CB	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CD	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CZ	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HE	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH11	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH12	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH21	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH22	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NE	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CB	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CZ	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HH	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:OH	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD2	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CB	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CD2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CE1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD2	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HE1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:ND1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:NE2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CB	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CZ	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HH	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:OH	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CB	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:C	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CB	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB2	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CB	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CE	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:SD	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CB	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CE	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB2	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:SD	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CB	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:OG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:C	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CB	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CD	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CG	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:H	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HA	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG2	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG3	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:N	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:O	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE1	16	0.28
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:10:LYS:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:10:LYS:H	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:10:LYS:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:10:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:N	1:A:10:LYS:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:11:TYR:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CB	16	0.28
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CZ	16	0.28
(2,7)	2:B:5:GLY:N	1:A:11:TYR:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HH	16	0.28
(2,7)	2:B:5:GLY:N	1:A:11:TYR:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:11:TYR:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:11:TYR:OH	16	0.28
(2,7)	2:B:5:GLY:N	1:A:12:LYS:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CG	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:12:LYS:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:12:LYS:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:12:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:N	1:A:12:LYS:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:16:LYS:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:16:LYS:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:16:LYS:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:16:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:N	1:A:16:LYS:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:24:LEU:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD1	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:24:LEU:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:24:LEU:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:24:LEU:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:27:GLY:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:27:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:27:GLY:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:27:GLY:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:27:GLY:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CB	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CD	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CZ	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HE	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH11	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH12	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH21	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH22	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:N	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NE	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:28:ARG:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:29:TYR:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CB	16	0.28
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CZ	16	0.28
(2,7)	2:B:5:GLY:N	1:A:29:TYR:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HH	16	0.28
(2,7)	2:B:5:GLY:N	1:A:29:TYR:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:29:TYR:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:29:TYR:OH	16	0.28
(2,7)	2:B:5:GLY:N	1:A:30:GLY:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:30:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:30:GLY:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:30:GLY:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:30:GLY:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:31:LYS:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:31:LYS:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB3	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:31:LYS:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:31:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:N	1:A:31:LYS:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:32:LEU:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:32:LEU:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:32:LEU:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:32:LEU:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:34:HIS:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CB	16	0.28
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CD2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CE1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:34:HIS:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD1	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HE1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:34:HIS:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:34:HIS:ND1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:34:HIS:NE2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:34:HIS:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:36:LEU:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:36:LEU:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:36:LEU:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:36:LEU:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:37:TYR:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CB	16	0.28
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CZ	16	0.28
(2,7)	2:B:5:GLY:N	1:A:37:TYR:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE2	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HH	16	0.28
(2,7)	2:B:5:GLY:N	1:A:37:TYR:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:37:TYR:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:37:TYR:OH	16	0.28
(2,7)	2:B:5:GLY:N	1:A:38:ASP:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CB	16	0.28
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:38:ASP:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:38:ASP:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:38:ASP:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:39:LEU:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:39:LEU:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:39:LEU:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:39:LEU:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:40:GLY:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:40:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:40:GLY:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:40:GLY:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:40:GLY:O	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:41:GLY:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:41:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:41:GLY:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:41:GLY:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:41:GLY:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:42:GLY:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:42:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:42:GLY:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:42:GLY:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:42:GLY:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:43:LYS:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:43:LYS:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:43:LYS:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:43:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:N	1:A:43:LYS:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:44:ALA:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CB	16	0.28
(2,7)	2:B:5:GLY:N	1:A:44:ALA:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB1	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:44:ALA:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:44:ALA:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:45:GLY:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:45:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:45:GLY:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:45:GLY:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:45:GLY:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:46:MET:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:46:MET:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:46:MET:CB	16	0.28
(2,7)	2:B:5:GLY:N	1:A:46:MET:CE	16	0.28
(2,7)	2:B:5:GLY:N	1:A:46:MET:CG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:46:MET:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:46:MET:HA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:46:MET:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:46:MET:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:46:MET:SD	16	0.28
(2,7)	2:B:5:GLY:N	1:A:47:GLY:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:47:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:47:GLY:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:47:GLY:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:47:GLY:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:48:MET:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:48:MET:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:48:MET:CB	16	0.28
(2,7)	2:B:5:GLY:N	1:A:48:MET:CE	16	0.28
(2,7)	2:B:5:GLY:N	1:A:48:MET:CG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:48:MET:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:48:MET:HA	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:48:MET:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:48:MET:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:48:MET:SD	16	0.28
(2,7)	2:B:5:GLY:N	1:A:50:SER:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:50:SER:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:50:SER:CB	16	0.28
(2,7)	2:B:5:GLY:N	1:A:50:SER:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:50:SER:HA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:50:SER:HG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:50:SER:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:50:SER:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:50:SER:OG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:51:GLU:C	16	0.28
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CB	16	0.28
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CD	16	0.28
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CG	16	0.28
(2,7)	2:B:5:GLY:N	1:A:51:GLU:H	16	0.28
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HA	16	0.28
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG2	16	0.28
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG3	16	0.28
(2,7)	2:B:5:GLY:N	1:A:51:GLU:N	16	0.28
(2,7)	2:B:5:GLY:N	1:A:51:GLU:O	16	0.28
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE1	16	0.28
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:10:LYS:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CG	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:10:LYS:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:10:LYS:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:10:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:O	1:A:10:LYS:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:11:TYR:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CB	16	0.28
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CZ	16	0.28
(2,7)	2:B:5:GLY:O	1:A:11:TYR:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HH	16	0.28
(2,7)	2:B:5:GLY:O	1:A:11:TYR:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:11:TYR:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:11:TYR:OH	16	0.28
(2,7)	2:B:5:GLY:O	1:A:12:LYS:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CE	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:12:LYS:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:12:LYS:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:12:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:O	1:A:12:LYS:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:16:LYS:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:16:LYS:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:16:LYS:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:16:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:O	1:A:16:LYS:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:24:LEU:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CB	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:24:LEU:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:24:LEU:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:24:LEU:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:27:GLY:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:27:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:27:GLY:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:27:GLY:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:27:GLY:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CB	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CD	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CZ	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HE	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH11	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH12	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH21	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH22	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:28:ARG:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NE	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:28:ARG:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:29:TYR:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CB	16	0.28
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CZ	16	0.28
(2,7)	2:B:5:GLY:O	1:A:29:TYR:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HH	16	0.28
(2,7)	2:B:5:GLY:O	1:A:29:TYR:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:29:TYR:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:29:TYR:OH	16	0.28
(2,7)	2:B:5:GLY:O	1:A:30:GLY:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:30:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:30:GLY:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:30:GLY:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:30:GLY:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:31:LYS:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:31:LYS:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB2	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:31:LYS:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:31:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:O	1:A:31:LYS:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:32:LEU:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:32:LEU:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:32:LEU:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:32:LEU:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:34:HIS:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CB	16	0.28
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CD2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CE1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:34:HIS:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB3	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HE1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:34:HIS:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:34:HIS:ND1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:34:HIS:NE2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:34:HIS:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:36:LEU:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:36:LEU:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:36:LEU:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:36:LEU:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:37:TYR:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CB	16	0.28
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CZ	16	0.28
(2,7)	2:B:5:GLY:O	1:A:37:TYR:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE1	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HH	16	0.28
(2,7)	2:B:5:GLY:O	1:A:37:TYR:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:37:TYR:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:37:TYR:OH	16	0.28
(2,7)	2:B:5:GLY:O	1:A:38:ASP:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CB	16	0.28
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:38:ASP:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:38:ASP:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:38:ASP:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:39:LEU:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CB	16	0.28
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:39:LEU:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD11	16	0.28
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD12	16	0.28
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD13	16	0.28
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD21	16	0.28
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD22	16	0.28
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD23	16	0.28
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:39:LEU:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:39:LEU:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:40:GLY:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:40:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:40:GLY:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:40:GLY:N	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:40:GLY:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:41:GLY:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:41:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:41:GLY:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:41:GLY:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:41:GLY:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:42:GLY:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:42:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:42:GLY:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:42:GLY:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:42:GLY:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:43:LYS:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CB	16	0.28
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CD	16	0.28
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CE	16	0.28
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:43:LYS:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:43:LYS:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:43:LYS:NZ	16	0.28
(2,7)	2:B:5:GLY:O	1:A:43:LYS:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:44:ALA:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CB	16	0.28
(2,7)	2:B:5:GLY:O	1:A:44:ALA:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HA	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:44:ALA:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:44:ALA:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:45:GLY:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:45:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:45:GLY:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:45:GLY:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:45:GLY:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:46:MET:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:46:MET:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:46:MET:CB	16	0.28
(2,7)	2:B:5:GLY:O	1:A:46:MET:CE	16	0.28
(2,7)	2:B:5:GLY:O	1:A:46:MET:CG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:46:MET:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:46:MET:HA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:46:MET:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:46:MET:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:46:MET:SD	16	0.28
(2,7)	2:B:5:GLY:O	1:A:47:GLY:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:47:GLY:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:47:GLY:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:47:GLY:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:47:GLY:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:48:MET:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:48:MET:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:48:MET:CB	16	0.28
(2,7)	2:B:5:GLY:O	1:A:48:MET:CE	16	0.28
(2,7)	2:B:5:GLY:O	1:A:48:MET:CG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:48:MET:H	16	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:48:MET:HA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:48:MET:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:48:MET:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:48:MET:SD	16	0.28
(2,7)	2:B:5:GLY:O	1:A:50:SER:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:50:SER:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:50:SER:CB	16	0.28
(2,7)	2:B:5:GLY:O	1:A:50:SER:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:50:SER:HA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:50:SER:HG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:50:SER:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:50:SER:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:50:SER:OG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:51:GLU:C	16	0.28
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CB	16	0.28
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CD	16	0.28
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CG	16	0.28
(2,7)	2:B:5:GLY:O	1:A:51:GLU:H	16	0.28
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HA	16	0.28
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG2	16	0.28
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG3	16	0.28
(2,7)	2:B:5:GLY:O	1:A:51:GLU:N	16	0.28
(2,7)	2:B:5:GLY:O	1:A:51:GLU:O	16	0.28
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE1	16	0.28
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE2	16	0.28
(2,3)	1:A:44:ALA:C	2:B:3:GLY:C	20	0.28
(2,3)	1:A:44:ALA:C	2:B:3:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:C	2:B:3:GLY:H	20	0.28
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA3	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:3:GLY:N	20	0.28
(2,3)	1:A:44:ALA:C	2:B:3:GLY:O	20	0.28
(2,3)	1:A:44:ALA:C	2:B:4:GLU:C	20	0.28
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:C	2:B:4:GLU:H	20	0.28
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:C	2:B:4:GLU:N	20	0.28
(2,3)	1:A:44:ALA:C	2:B:4:GLU:O	20	0.28
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:5:GLY:C	20	0.28
(2,3)	1:A:44:ALA:C	2:B:5:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:C	2:B:5:GLY:H	20	0.28
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:C	2:B:5:GLY:N	20	0.28
(2,3)	1:A:44:ALA:C	2:B:5:GLY:O	20	0.28
(2,3)	1:A:44:ALA:C	2:B:6:GLU:C	20	0.28
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:C	2:B:6:GLU:H	20	0.28
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:C	2:B:6:GLU:N	20	0.28
(2,3)	1:A:44:ALA:C	2:B:6:GLU:O	20	0.28
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:7:GLU:C	20	0.28
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CB	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:C	2:B:7:GLU:H	20	0.28
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:C	2:B:7:GLU:N	20	0.28
(2,3)	1:A:44:ALA:C	2:B:7:GLU:O	20	0.28
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:8:GLU:C	20	0.28
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:C	2:B:8:GLU:H	20	0.28
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:C	2:B:8:GLU:N	20	0.28
(2,3)	1:A:44:ALA:C	2:B:8:GLU:O	20	0.28
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:9:GLY:C	20	0.28
(2,3)	1:A:44:ALA:C	2:B:9:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:C	2:B:9:GLY:H	20	0.28
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:C	2:B:9:GLY:N	20	0.28
(2,3)	1:A:44:ALA:C	2:B:9:GLY:O	20	0.28
(2,3)	1:A:44:ALA:C	2:B:10:GLU:C	20	0.28
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:C	2:B:10:GLU:H	20	0.28
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB2	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:C	2:B:10:GLU:N	20	0.28
(2,3)	1:A:44:ALA:C	2:B:10:GLU:O	20	0.28
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:11:GLU:C	20	0.28
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:C	2:B:11:GLU:H	20	0.28
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:C	2:B:11:GLU:N	20	0.28
(2,3)	1:A:44:ALA:C	2:B:11:GLU:O	20	0.28
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:12:TYR:C	20	0.28
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CA	20	0.28
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CB	20	0.28
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD1	20	0.28
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE1	20	0.28
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CG	20	0.28
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CZ	20	0.28
(2,3)	1:A:44:ALA:C	2:B:12:TYR:H	20	0.28
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HA	20	0.28
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB3	20	0.28
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD1	20	0.28
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE1	20	0.28
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE2	20	0.28
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HH	20	0.28
(2,3)	1:A:44:ALA:C	2:B:12:TYR:N	20	0.28
(2,3)	1:A:44:ALA:C	2:B:12:TYR:O	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:12:TYR:OH	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:C	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:H	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:N	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:O	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:C	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:H	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:N	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:O	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:C	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:H	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:N	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:O	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:C	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:H	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:N	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:O	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:C	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:H	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:N	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:O	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:C	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:H	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:N	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:O	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:C	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:H	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:N	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:O	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:C	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CA	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:H	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:N	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:O	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:C	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:H	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:N	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:O	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:C	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CA	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CB	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD1	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE1	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CG	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CZ	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:H	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HA	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB3	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD1	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE1	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE2	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HH	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:N	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:O	20	0.28
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:OH	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:C	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:H	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:N	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:O	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:C	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:H	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:N	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:O	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:C	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:H	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:N	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:O	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:C	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:H	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:N	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:O	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:C	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:H	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:N	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:O	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:C	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:H	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:N	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:O	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:C	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:H	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:N	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:O	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:C	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:H	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:N	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:O	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:C	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:H	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:N	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:O	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:C	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CA	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CB	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD1	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE1	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CG	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CZ	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:H	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HA	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB3	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD1	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE1	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE2	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HH	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:N	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:O	20	0.28
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:OH	20	0.28
(2,3)	1:A:44:ALA:H	2:B:3:GLY:C	20	0.28
(2,3)	1:A:44:ALA:H	2:B:3:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:H	2:B:3:GLY:H	20	0.28
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:H	2:B:3:GLY:N	20	0.28
(2,3)	1:A:44:ALA:H	2:B:3:GLY:O	20	0.28
(2,3)	1:A:44:ALA:H	2:B:4:GLU:C	20	0.28
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:H	2:B:4:GLU:H	20	0.28
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:H	2:B:4:GLU:N	20	0.28
(2,3)	1:A:44:ALA:H	2:B:4:GLU:O	20	0.28
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:5:GLY:C	20	0.28
(2,3)	1:A:44:ALA:H	2:B:5:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:H	2:B:5:GLY:H	20	0.28
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:H	2:B:5:GLY:N	20	0.28
(2,3)	1:A:44:ALA:H	2:B:5:GLY:O	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:6:GLU:C	20	0.28
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:H	2:B:6:GLU:H	20	0.28
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:H	2:B:6:GLU:N	20	0.28
(2,3)	1:A:44:ALA:H	2:B:6:GLU:O	20	0.28
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:7:GLU:C	20	0.28
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:H	2:B:7:GLU:H	20	0.28
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:H	2:B:7:GLU:N	20	0.28
(2,3)	1:A:44:ALA:H	2:B:7:GLU:O	20	0.28
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:8:GLU:C	20	0.28
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:H	2:B:8:GLU:H	20	0.28
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:H	2:B:8:GLU:N	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:8:GLU:O	20	0.28
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:9:GLY:C	20	0.28
(2,3)	1:A:44:ALA:H	2:B:9:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:H	2:B:9:GLY:H	20	0.28
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:H	2:B:9:GLY:N	20	0.28
(2,3)	1:A:44:ALA:H	2:B:9:GLY:O	20	0.28
(2,3)	1:A:44:ALA:H	2:B:10:GLU:C	20	0.28
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:H	2:B:10:GLU:H	20	0.28
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:H	2:B:10:GLU:N	20	0.28
(2,3)	1:A:44:ALA:H	2:B:10:GLU:O	20	0.28
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:11:GLU:C	20	0.28
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:H	2:B:11:GLU:H	20	0.28
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:H	2:B:11:GLU:N	20	0.28
(2,3)	1:A:44:ALA:H	2:B:11:GLU:O	20	0.28
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:12:TYR:C	20	0.28
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CA	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CB	20	0.28
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD1	20	0.28
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE1	20	0.28
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CG	20	0.28
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CZ	20	0.28
(2,3)	1:A:44:ALA:H	2:B:12:TYR:H	20	0.28
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HA	20	0.28
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB3	20	0.28
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD1	20	0.28
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE1	20	0.28
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE2	20	0.28
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HH	20	0.28
(2,3)	1:A:44:ALA:H	2:B:12:TYR:N	20	0.28
(2,3)	1:A:44:ALA:H	2:B:12:TYR:O	20	0.28
(2,3)	1:A:44:ALA:H	2:B:12:TYR:OH	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:C	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:H	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:N	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:O	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:C	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:H	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:N	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:O	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:H	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:C	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:H	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:N	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:O	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG3	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:C	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CA	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CB	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD1	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE1	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CG	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CZ	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:H	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HA	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB3	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD1	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE1	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE2	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HH	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:N	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:O	20	0.28
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:OH	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:C	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:H	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:N	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:O	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG2	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:C	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:H	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:N	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:O	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE2	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:C	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:H	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:N	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:O	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CG	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:C	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CA	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CB	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD1	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE1	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CG	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CZ	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:H	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HA	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB3	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD1	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE1	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE2	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HH	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:N	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:O	20	0.28
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:OH	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:C	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:H	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:N	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:O	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CD	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:C	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:H	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:N	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:O	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB3	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:C	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:H	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:N	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:O	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE1	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:C	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CA	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CB	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD1	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE1	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CG	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CZ	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:H	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HA	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB3	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD1	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE1	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE2	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HH	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:N	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:O	20	0.28
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:OH	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:C	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:H	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA3	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:N	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:O	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:C	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:H	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:N	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:O	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CB	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:C	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:H	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:N	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:O	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB2	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:C	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:H	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:N	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:O	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:C	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CA	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CB	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD1	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE1	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CG	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CZ	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:H	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HA	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB3	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD1	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE1	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE2	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HH	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:N	20	0.28
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:O	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:OH	20	0.28
(2,3)	1:A:44:ALA:N	2:B:3:GLY:C	20	0.28
(2,3)	1:A:44:ALA:N	2:B:3:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:N	2:B:3:GLY:H	20	0.28
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:N	2:B:3:GLY:N	20	0.28
(2,3)	1:A:44:ALA:N	2:B:3:GLY:O	20	0.28
(2,3)	1:A:44:ALA:N	2:B:4:GLU:C	20	0.28
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:N	2:B:4:GLU:H	20	0.28
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:N	2:B:4:GLU:N	20	0.28
(2,3)	1:A:44:ALA:N	2:B:4:GLU:O	20	0.28
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:5:GLY:C	20	0.28
(2,3)	1:A:44:ALA:N	2:B:5:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:N	2:B:5:GLY:H	20	0.28
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:N	2:B:5:GLY:N	20	0.28
(2,3)	1:A:44:ALA:N	2:B:5:GLY:O	20	0.28
(2,3)	1:A:44:ALA:N	2:B:6:GLU:C	20	0.28
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:N	2:B:6:GLU:H	20	0.28
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:N	2:B:6:GLU:N	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:6:GLU:O	20	0.28
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:7:GLU:C	20	0.28
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:N	2:B:7:GLU:H	20	0.28
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:N	2:B:7:GLU:N	20	0.28
(2,3)	1:A:44:ALA:N	2:B:7:GLU:O	20	0.28
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:8:GLU:C	20	0.28
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:N	2:B:8:GLU:H	20	0.28
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:N	2:B:8:GLU:N	20	0.28
(2,3)	1:A:44:ALA:N	2:B:8:GLU:O	20	0.28
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:9:GLY:C	20	0.28
(2,3)	1:A:44:ALA:N	2:B:9:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:N	2:B:9:GLY:H	20	0.28
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:N	2:B:9:GLY:N	20	0.28
(2,3)	1:A:44:ALA:N	2:B:9:GLY:O	20	0.28
(2,3)	1:A:44:ALA:N	2:B:10:GLU:C	20	0.28
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CA	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:N	2:B:10:GLU:H	20	0.28
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:N	2:B:10:GLU:N	20	0.28
(2,3)	1:A:44:ALA:N	2:B:10:GLU:O	20	0.28
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:11:GLU:C	20	0.28
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:N	2:B:11:GLU:H	20	0.28
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:N	2:B:11:GLU:N	20	0.28
(2,3)	1:A:44:ALA:N	2:B:11:GLU:O	20	0.28
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:12:TYR:C	20	0.28
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CA	20	0.28
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CB	20	0.28
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD1	20	0.28
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE1	20	0.28
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CG	20	0.28
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CZ	20	0.28
(2,3)	1:A:44:ALA:N	2:B:12:TYR:H	20	0.28
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HA	20	0.28
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB3	20	0.28
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD1	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE1	20	0.28
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE2	20	0.28
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HH	20	0.28
(2,3)	1:A:44:ALA:N	2:B:12:TYR:N	20	0.28
(2,3)	1:A:44:ALA:N	2:B:12:TYR:O	20	0.28
(2,3)	1:A:44:ALA:N	2:B:12:TYR:OH	20	0.28
(2,3)	1:A:44:ALA:O	2:B:3:GLY:C	20	0.28
(2,3)	1:A:44:ALA:O	2:B:3:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:O	2:B:3:GLY:H	20	0.28
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:O	2:B:3:GLY:N	20	0.28
(2,3)	1:A:44:ALA:O	2:B:3:GLY:O	20	0.28
(2,3)	1:A:44:ALA:O	2:B:4:GLU:C	20	0.28
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:O	2:B:4:GLU:H	20	0.28
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:O	2:B:4:GLU:N	20	0.28
(2,3)	1:A:44:ALA:O	2:B:4:GLU:O	20	0.28
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:5:GLY:C	20	0.28
(2,3)	1:A:44:ALA:O	2:B:5:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:O	2:B:5:GLY:H	20	0.28
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:O	2:B:5:GLY:N	20	0.28
(2,3)	1:A:44:ALA:O	2:B:5:GLY:O	20	0.28
(2,3)	1:A:44:ALA:O	2:B:6:GLU:C	20	0.28
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:O	2:B:6:GLU:H	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:O	2:B:6:GLU:N	20	0.28
(2,3)	1:A:44:ALA:O	2:B:6:GLU:O	20	0.28
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:7:GLU:C	20	0.28
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:O	2:B:7:GLU:H	20	0.28
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:O	2:B:7:GLU:N	20	0.28
(2,3)	1:A:44:ALA:O	2:B:7:GLU:O	20	0.28
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:8:GLU:C	20	0.28
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:O	2:B:8:GLU:H	20	0.28
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:O	2:B:8:GLU:N	20	0.28
(2,3)	1:A:44:ALA:O	2:B:8:GLU:O	20	0.28
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:9:GLY:C	20	0.28
(2,3)	1:A:44:ALA:O	2:B:9:GLY:CA	20	0.28
(2,3)	1:A:44:ALA:O	2:B:9:GLY:H	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA3	20	0.28
(2,3)	1:A:44:ALA:O	2:B:9:GLY:N	20	0.28
(2,3)	1:A:44:ALA:O	2:B:9:GLY:O	20	0.28
(2,3)	1:A:44:ALA:O	2:B:10:GLU:C	20	0.28
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:O	2:B:10:GLU:H	20	0.28
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:O	2:B:10:GLU:N	20	0.28
(2,3)	1:A:44:ALA:O	2:B:10:GLU:O	20	0.28
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:11:GLU:C	20	0.28
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CA	20	0.28
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CB	20	0.28
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CD	20	0.28
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CG	20	0.28
(2,3)	1:A:44:ALA:O	2:B:11:GLU:H	20	0.28
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HA	20	0.28
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB3	20	0.28
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG3	20	0.28
(2,3)	1:A:44:ALA:O	2:B:11:GLU:N	20	0.28
(2,3)	1:A:44:ALA:O	2:B:11:GLU:O	20	0.28
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE1	20	0.28
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:12:TYR:C	20	0.28
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CA	20	0.28
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CB	20	0.28
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD1	20	0.28
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE1	20	0.28
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CG	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CZ	20	0.28
(2,3)	1:A:44:ALA:O	2:B:12:TYR:H	20	0.28
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HA	20	0.28
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB3	20	0.28
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD1	20	0.28
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE1	20	0.28
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE2	20	0.28
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HH	20	0.28
(2,3)	1:A:44:ALA:O	2:B:12:TYR:N	20	0.28
(2,3)	1:A:44:ALA:O	2:B:12:TYR:O	20	0.28
(2,3)	1:A:44:ALA:O	2:B:12:TYR:OH	20	0.28
(2,9)	2:B:9:GLY:C	1:A:10:LYS:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:10:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:10:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:C	1:A:10:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:C	1:A:10:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:C	1:A:10:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:C	1:A:10:LYS:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:10:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:10:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:10:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:10:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:10:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:10:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:10:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:10:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:10:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:10:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:10:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:10:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:10:LYS:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:10:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:C	1:A:10:LYS:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:11:TYR:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:11:TYR:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:11:TYR:CB	13	0.25
(2,9)	2:B:9:GLY:C	1:A:11:TYR:CD1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:11:TYR:CD2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:11:TYR:CE1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:11:TYR:CE2	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:C	1:A:11:TYR:CG	13	0.25
(2,9)	2:B:9:GLY:C	1:A:11:TYR:CZ	13	0.25
(2,9)	2:B:9:GLY:C	1:A:11:TYR:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:11:TYR:HA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:11:TYR:HB2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:11:TYR:HB3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:11:TYR:HD1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:11:TYR:HD2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:11:TYR:HE1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:11:TYR:HE2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:11:TYR:HH	13	0.25
(2,9)	2:B:9:GLY:C	1:A:11:TYR:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:11:TYR:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:11:TYR:OH	13	0.25
(2,9)	2:B:9:GLY:C	1:A:12:LYS:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:12:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:12:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:C	1:A:12:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:C	1:A:12:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:C	1:A:12:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:C	1:A:12:LYS:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:12:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:12:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:12:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:12:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:12:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:12:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:12:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:12:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:12:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:12:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:12:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:12:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:12:LYS:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:12:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:C	1:A:12:LYS:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:16:LYS:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:16:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:16:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:C	1:A:16:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:C	1:A:16:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:C	1:A:16:LYS:CG	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:C	1:A:16:LYS:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:16:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:16:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:16:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:16:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:16:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:16:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:16:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:16:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:16:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:16:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:16:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:16:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:16:LYS:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:16:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:C	1:A:16:LYS:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:24:LEU:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:24:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:24:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:C	1:A:24:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:24:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:24:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:C	1:A:24:LEU:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:24:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:24:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:24:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:24:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:C	1:A:24:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:C	1:A:24:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:C	1:A:24:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:C	1:A:24:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:C	1:A:24:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:C	1:A:24:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:C	1:A:24:LEU:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:24:LEU:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:27:GLY:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:27:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:27:GLY:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:27:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:27:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:27:GLY:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:27:GLY:O	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:C	1:A:28:ARG:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:CB	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:CD	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:CG	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:CZ	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:HA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:HB2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:HB3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:HD2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:HD3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:HE	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:HG2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:HG3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:HH11	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:HH12	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:HH21	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:HH22	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:NE	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:NH1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:NH2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:28:ARG:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:29:TYR:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:29:TYR:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:29:TYR:CB	13	0.25
(2,9)	2:B:9:GLY:C	1:A:29:TYR:CD1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:29:TYR:CD2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:29:TYR:CE1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:29:TYR:CE2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:29:TYR:CG	13	0.25
(2,9)	2:B:9:GLY:C	1:A:29:TYR:CZ	13	0.25
(2,9)	2:B:9:GLY:C	1:A:29:TYR:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:29:TYR:HA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:29:TYR:HB2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:29:TYR:HB3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:29:TYR:HD1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:29:TYR:HD2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:29:TYR:HE1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:29:TYR:HE2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:29:TYR:HH	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:C	1:A:29:TYR:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:29:TYR:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:29:TYR:OH	13	0.25
(2,9)	2:B:9:GLY:C	1:A:30:GLY:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:30:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:30:GLY:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:30:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:30:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:30:GLY:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:30:GLY:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:31:LYS:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:31:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:31:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:C	1:A:31:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:C	1:A:31:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:C	1:A:31:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:C	1:A:31:LYS:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:31:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:31:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:31:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:31:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:31:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:31:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:31:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:31:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:31:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:31:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:31:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:31:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:31:LYS:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:31:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:C	1:A:31:LYS:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:32:LEU:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:32:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:32:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:C	1:A:32:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:32:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:32:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:C	1:A:32:LEU:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:32:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:32:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:32:LEU:HB3	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:C	1:A:32:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:C	1:A:32:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:C	1:A:32:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:C	1:A:32:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:C	1:A:32:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:C	1:A:32:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:C	1:A:32:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:C	1:A:32:LEU:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:32:LEU:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:34:HIS:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:34:HIS:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:34:HIS:CB	13	0.25
(2,9)	2:B:9:GLY:C	1:A:34:HIS:CD2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:34:HIS:CE1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:34:HIS:CG	13	0.25
(2,9)	2:B:9:GLY:C	1:A:34:HIS:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:34:HIS:HA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:34:HIS:HB2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:34:HIS:HB3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:34:HIS:HD1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:34:HIS:HD2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:34:HIS:HE1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:34:HIS:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:34:HIS:ND1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:34:HIS:NE2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:34:HIS:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:36:LEU:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:36:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:36:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:C	1:A:36:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:36:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:36:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:C	1:A:36:LEU:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:36:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:36:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:36:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:36:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:C	1:A:36:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:C	1:A:36:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:C	1:A:36:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:C	1:A:36:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:C	1:A:36:LEU:HD23	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:C	1:A:36:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:C	1:A:36:LEU:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:36:LEU:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:37:TYR:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:37:TYR:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:37:TYR:CB	13	0.25
(2,9)	2:B:9:GLY:C	1:A:37:TYR:CD1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:37:TYR:CD2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:37:TYR:CE1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:37:TYR:CE2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:37:TYR:CG	13	0.25
(2,9)	2:B:9:GLY:C	1:A:37:TYR:CZ	13	0.25
(2,9)	2:B:9:GLY:C	1:A:37:TYR:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:37:TYR:HA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:37:TYR:HB2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:37:TYR:HB3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:37:TYR:HD1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:37:TYR:HD2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:37:TYR:HE1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:37:TYR:HE2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:37:TYR:HH	13	0.25
(2,9)	2:B:9:GLY:C	1:A:37:TYR:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:37:TYR:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:37:TYR:OH	13	0.25
(2,9)	2:B:9:GLY:C	1:A:38:ASP:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:38:ASP:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:38:ASP:CB	13	0.25
(2,9)	2:B:9:GLY:C	1:A:38:ASP:CG	13	0.25
(2,9)	2:B:9:GLY:C	1:A:38:ASP:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:38:ASP:HA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:38:ASP:HB2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:38:ASP:HB3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:38:ASP:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:38:ASP:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:38:ASP:OD1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:38:ASP:OD2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:39:LEU:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:39:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:39:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:C	1:A:39:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:39:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:39:LEU:CG	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:C	1:A:39:LEU:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:39:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:39:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:39:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:39:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:C	1:A:39:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:C	1:A:39:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:C	1:A:39:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:C	1:A:39:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:C	1:A:39:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:C	1:A:39:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:C	1:A:39:LEU:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:39:LEU:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:40:GLY:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:40:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:40:GLY:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:40:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:40:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:40:GLY:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:40:GLY:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:41:GLY:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:41:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:41:GLY:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:41:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:41:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:41:GLY:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:41:GLY:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:42:GLY:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:42:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:42:GLY:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:42:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:42:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:42:GLY:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:42:GLY:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:43:LYS:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:43:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:43:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:C	1:A:43:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:C	1:A:43:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:C	1:A:43:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:C	1:A:43:LYS:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:43:LYS:HA	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:C	1:A:43:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:43:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:43:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:43:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:43:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:43:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:43:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:43:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:43:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:43:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:43:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:43:LYS:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:43:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:C	1:A:43:LYS:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:44:ALA:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:44:ALA:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:44:ALA:CB	13	0.25
(2,9)	2:B:9:GLY:C	1:A:44:ALA:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:44:ALA:HA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:44:ALA:HB1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:44:ALA:HB2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:44:ALA:HB3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:44:ALA:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:44:ALA:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:45:GLY:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:45:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:45:GLY:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:45:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:45:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:45:GLY:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:45:GLY:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:46:MET:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:46:MET:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:46:MET:CB	13	0.25
(2,9)	2:B:9:GLY:C	1:A:46:MET:CE	13	0.25
(2,9)	2:B:9:GLY:C	1:A:46:MET:CG	13	0.25
(2,9)	2:B:9:GLY:C	1:A:46:MET:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:46:MET:HA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:46:MET:HB2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:46:MET:HB3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:46:MET:HE1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:46:MET:HE2	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:C	1:A:46:MET:HE3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:46:MET:HG2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:46:MET:HG3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:46:MET:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:46:MET:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:46:MET:SD	13	0.25
(2,9)	2:B:9:GLY:C	1:A:47:GLY:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:47:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:47:GLY:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:47:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:47:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:47:GLY:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:47:GLY:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:48:MET:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:48:MET:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:48:MET:CB	13	0.25
(2,9)	2:B:9:GLY:C	1:A:48:MET:CE	13	0.25
(2,9)	2:B:9:GLY:C	1:A:48:MET:CG	13	0.25
(2,9)	2:B:9:GLY:C	1:A:48:MET:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:48:MET:HA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:48:MET:HB2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:48:MET:HB3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:48:MET:HE1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:48:MET:HE2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:48:MET:HE3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:48:MET:HG2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:48:MET:HG3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:48:MET:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:48:MET:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:48:MET:SD	13	0.25
(2,9)	2:B:9:GLY:C	1:A:50:SER:C	13	0.25
(2,9)	2:B:9:GLY:C	1:A:50:SER:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:50:SER:CB	13	0.25
(2,9)	2:B:9:GLY:C	1:A:50:SER:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:50:SER:HA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:50:SER:HB2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:50:SER:HB3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:50:SER:HG	13	0.25
(2,9)	2:B:9:GLY:C	1:A:50:SER:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:50:SER:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:50:SER:OG	13	0.25
(2,9)	2:B:9:GLY:C	1:A:51:GLU:C	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:C	1:A:51:GLU:CA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:51:GLU:CB	13	0.25
(2,9)	2:B:9:GLY:C	1:A:51:GLU:CD	13	0.25
(2,9)	2:B:9:GLY:C	1:A:51:GLU:CG	13	0.25
(2,9)	2:B:9:GLY:C	1:A:51:GLU:H	13	0.25
(2,9)	2:B:9:GLY:C	1:A:51:GLU:HA	13	0.25
(2,9)	2:B:9:GLY:C	1:A:51:GLU:HB2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:51:GLU:HB3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:51:GLU:HG2	13	0.25
(2,9)	2:B:9:GLY:C	1:A:51:GLU:HG3	13	0.25
(2,9)	2:B:9:GLY:C	1:A:51:GLU:N	13	0.25
(2,9)	2:B:9:GLY:C	1:A:51:GLU:O	13	0.25
(2,9)	2:B:9:GLY:C	1:A:51:GLU:OE1	13	0.25
(2,9)	2:B:9:GLY:C	1:A:51:GLU:OE2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:10:LYS:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:10:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:10:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:10:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:10:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:10:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:10:LYS:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:10:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:10:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:10:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:10:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:10:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:10:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:10:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:10:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:10:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:10:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:10:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:10:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:10:LYS:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:10:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:10:LYS:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:11:TYR:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:11:TYR:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:11:TYR:CB	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:11:TYR:CD1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:11:TYR:CD2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:11:TYR:CE1	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:CA	1:A:11:TYR:CE2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:11:TYR:CG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:11:TYR:CZ	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:11:TYR:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:11:TYR:HA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:11:TYR:HB2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:11:TYR:HB3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:11:TYR:HD1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:11:TYR:HD2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:11:TYR:HE1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:11:TYR:HE2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:11:TYR:HH	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:11:TYR:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:11:TYR:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:11:TYR:OH	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:12:LYS:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:12:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:12:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:12:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:12:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:12:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:12:LYS:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:12:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:12:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:12:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:12:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:12:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:12:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:12:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:12:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:12:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:12:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:12:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:12:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:12:LYS:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:12:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:12:LYS:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:16:LYS:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:16:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:16:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:16:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:16:LYS:CE	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:CA	1:A:16:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:16:LYS:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:16:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:16:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:16:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:16:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:16:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:16:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:16:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:16:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:16:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:16:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:16:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:16:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:16:LYS:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:16:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:16:LYS:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:24:LEU:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:24:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:24:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:24:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:24:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:24:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:24:LEU:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:24:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:24:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:24:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:24:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:24:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:24:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:24:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:24:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:24:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:24:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:24:LEU:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:24:LEU:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:27:GLY:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:27:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:27:GLY:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:27:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:27:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:27:GLY:N	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:CA	1:A:27:GLY:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:CB	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:CD	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:CG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:CZ	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:HA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:HB2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:HB3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:HD2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:HD3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:HE	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:HG2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:HG3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:HH11	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:HH12	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:HH21	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:HH22	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:NE	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:NH1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:NH2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:28:ARG:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:29:TYR:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:29:TYR:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:29:TYR:CB	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:29:TYR:CD1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:29:TYR:CD2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:29:TYR:CE1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:29:TYR:CE2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:29:TYR:CG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:29:TYR:CZ	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:29:TYR:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:29:TYR:HA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:29:TYR:HB2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:29:TYR:HB3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:29:TYR:HD1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:29:TYR:HD2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:29:TYR:HE1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:29:TYR:HE2	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:CA	1:A:29:TYR:HH	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:29:TYR:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:29:TYR:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:29:TYR:OH	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:30:GLY:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:30:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:30:GLY:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:30:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:30:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:30:GLY:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:30:GLY:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:31:LYS:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:31:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:31:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:31:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:31:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:31:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:31:LYS:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:31:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:31:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:31:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:31:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:31:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:31:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:31:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:31:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:31:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:31:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:31:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:31:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:31:LYS:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:31:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:31:LYS:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:32:LEU:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:32:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:32:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:32:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:32:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:32:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:32:LEU:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:32:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:32:LEU:HB2	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:CA	1:A:32:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:32:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:32:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:32:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:32:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:32:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:32:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:32:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:32:LEU:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:32:LEU:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:34:HIS:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:34:HIS:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:34:HIS:CB	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:34:HIS:CD2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:34:HIS:CE1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:34:HIS:CG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:34:HIS:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:34:HIS:HA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:34:HIS:HB2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:34:HIS:HB3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:34:HIS:HD1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:34:HIS:HD2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:34:HIS:HE1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:34:HIS:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:34:HIS:ND1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:34:HIS:NE2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:34:HIS:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:36:LEU:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:36:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:36:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:36:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:36:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:36:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:36:LEU:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:36:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:36:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:36:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:36:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:36:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:36:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:36:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:36:LEU:HD22	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:CA	1:A:36:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:36:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:36:LEU:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:36:LEU:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:37:TYR:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:37:TYR:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:37:TYR:CB	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:37:TYR:CD1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:37:TYR:CD2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:37:TYR:CE1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:37:TYR:CE2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:37:TYR:CG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:37:TYR:CZ	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:37:TYR:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:37:TYR:HA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:37:TYR:HB2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:37:TYR:HB3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:37:TYR:HD1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:37:TYR:HD2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:37:TYR:HE1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:37:TYR:HE2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:37:TYR:HH	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:37:TYR:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:37:TYR:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:37:TYR:OH	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:38:ASP:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:38:ASP:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:38:ASP:CB	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:38:ASP:CG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:38:ASP:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:38:ASP:HA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:38:ASP:HB2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:38:ASP:HB3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:38:ASP:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:38:ASP:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:38:ASP:OD1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:38:ASP:OD2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:39:LEU:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:39:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:39:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:39:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:39:LEU:CD2	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:CA	1:A:39:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:39:LEU:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:39:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:39:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:39:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:39:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:39:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:39:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:39:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:39:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:39:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:39:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:39:LEU:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:39:LEU:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:40:GLY:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:40:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:40:GLY:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:40:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:40:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:40:GLY:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:40:GLY:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:41:GLY:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:41:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:41:GLY:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:41:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:41:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:41:GLY:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:41:GLY:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:42:GLY:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:42:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:42:GLY:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:42:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:42:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:42:GLY:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:42:GLY:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:43:LYS:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:43:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:43:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:43:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:43:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:43:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:43:LYS:H	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:CA	1:A:43:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:43:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:43:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:43:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:43:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:43:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:43:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:43:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:43:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:43:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:43:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:43:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:43:LYS:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:43:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:43:LYS:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:44:ALA:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:44:ALA:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:44:ALA:CB	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:44:ALA:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:44:ALA:HA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:44:ALA:HB1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:44:ALA:HB2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:44:ALA:HB3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:44:ALA:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:44:ALA:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:45:GLY:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:45:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:45:GLY:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:45:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:45:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:45:GLY:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:45:GLY:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:46:MET:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:46:MET:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:46:MET:CB	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:46:MET:CE	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:46:MET:CG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:46:MET:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:46:MET:HA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:46:MET:HB2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:46:MET:HB3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:46:MET:HE1	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:CA	1:A:46:MET:HE2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:46:MET:HE3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:46:MET:HG2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:46:MET:HG3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:46:MET:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:46:MET:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:46:MET:SD	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:47:GLY:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:47:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:47:GLY:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:47:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:47:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:47:GLY:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:47:GLY:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:48:MET:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:48:MET:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:48:MET:CB	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:48:MET:CE	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:48:MET:CG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:48:MET:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:48:MET:HA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:48:MET:HB2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:48:MET:HB3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:48:MET:HE1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:48:MET:HE2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:48:MET:HE3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:48:MET:HG2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:48:MET:HG3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:48:MET:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:48:MET:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:48:MET:SD	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:50:SER:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:50:SER:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:50:SER:CB	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:50:SER:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:50:SER:HA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:50:SER:HB2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:50:SER:HB3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:50:SER:HG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:50:SER:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:50:SER:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:50:SER:OG	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:CA	1:A:51:GLU:C	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:51:GLU:CA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:51:GLU:CB	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:51:GLU:CD	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:51:GLU:CG	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:51:GLU:H	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:51:GLU:HA	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:51:GLU:HB2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:51:GLU:HB3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:51:GLU:HG2	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:51:GLU:HG3	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:51:GLU:N	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:51:GLU:O	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:51:GLU:OE1	13	0.25
(2,9)	2:B:9:GLY:CA	1:A:51:GLU:OE2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:10:LYS:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:10:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:10:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:H	1:A:10:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:H	1:A:10:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:H	1:A:10:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:10:LYS:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:10:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:10:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:10:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:10:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:10:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:10:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:10:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:10:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:10:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:10:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:10:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:10:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:10:LYS:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:10:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:H	1:A:10:LYS:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:11:TYR:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:11:TYR:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:11:TYR:CB	13	0.25
(2,9)	2:B:9:GLY:H	1:A:11:TYR:CD1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:11:TYR:CD2	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:H	1:A:11:TYR:CE1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:11:TYR:CE2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:11:TYR:CG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:11:TYR:CZ	13	0.25
(2,9)	2:B:9:GLY:H	1:A:11:TYR:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:11:TYR:HA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:11:TYR:HB2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:11:TYR:HB3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:11:TYR:HD1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:11:TYR:HD2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:11:TYR:HE1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:11:TYR:HE2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:11:TYR:HH	13	0.25
(2,9)	2:B:9:GLY:H	1:A:11:TYR:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:11:TYR:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:11:TYR:OH	13	0.25
(2,9)	2:B:9:GLY:H	1:A:12:LYS:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:12:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:12:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:H	1:A:12:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:H	1:A:12:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:H	1:A:12:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:12:LYS:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:12:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:12:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:12:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:12:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:12:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:12:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:12:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:12:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:12:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:12:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:12:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:12:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:12:LYS:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:12:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:H	1:A:12:LYS:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:16:LYS:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:16:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:16:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:H	1:A:16:LYS:CD	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:H	1:A:16:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:H	1:A:16:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:16:LYS:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:16:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:16:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:16:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:16:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:16:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:16:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:16:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:16:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:16:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:16:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:16:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:16:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:16:LYS:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:16:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:H	1:A:16:LYS:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:24:LEU:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:24:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:24:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:H	1:A:24:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:24:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:24:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:24:LEU:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:24:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:24:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:24:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:24:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:H	1:A:24:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:H	1:A:24:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:H	1:A:24:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:H	1:A:24:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:H	1:A:24:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:H	1:A:24:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:24:LEU:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:24:LEU:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:27:GLY:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:27:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:27:GLY:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:27:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:27:GLY:HA3	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:H	1:A:27:GLY:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:27:GLY:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:CB	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:CD	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:CG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:CZ	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:HA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:HB2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:HB3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:HD2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:HD3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:HE	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:HG2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:HG3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:HH11	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:HH12	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:HH21	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:HH22	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:NE	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:NH1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:NH2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:28:ARG:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:29:TYR:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:29:TYR:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:29:TYR:CB	13	0.25
(2,9)	2:B:9:GLY:H	1:A:29:TYR:CD1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:29:TYR:CD2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:29:TYR:CE1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:29:TYR:CE2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:29:TYR:CG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:29:TYR:CZ	13	0.25
(2,9)	2:B:9:GLY:H	1:A:29:TYR:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:29:TYR:HA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:29:TYR:HB2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:29:TYR:HB3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:29:TYR:HD1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:29:TYR:HD2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:29:TYR:HE1	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:H	1:A:29:TYR:HE2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:29:TYR:HH	13	0.25
(2,9)	2:B:9:GLY:H	1:A:29:TYR:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:29:TYR:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:29:TYR:OH	13	0.25
(2,9)	2:B:9:GLY:H	1:A:30:GLY:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:30:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:30:GLY:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:30:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:30:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:30:GLY:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:30:GLY:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:31:LYS:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:31:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:31:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:H	1:A:31:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:H	1:A:31:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:H	1:A:31:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:31:LYS:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:31:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:31:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:31:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:31:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:31:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:31:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:31:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:31:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:31:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:31:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:31:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:31:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:31:LYS:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:31:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:H	1:A:31:LYS:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:32:LEU:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:32:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:32:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:H	1:A:32:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:32:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:32:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:32:LEU:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:32:LEU:HA	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:H	1:A:32:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:32:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:32:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:H	1:A:32:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:H	1:A:32:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:H	1:A:32:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:H	1:A:32:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:H	1:A:32:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:H	1:A:32:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:32:LEU:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:32:LEU:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:34:HIS:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:34:HIS:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:34:HIS:CB	13	0.25
(2,9)	2:B:9:GLY:H	1:A:34:HIS:CD2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:34:HIS:CE1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:34:HIS:CG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:34:HIS:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:34:HIS:HA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:34:HIS:HB2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:34:HIS:HB3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:34:HIS:HD1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:34:HIS:HD2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:34:HIS:HE1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:34:HIS:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:34:HIS:ND1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:34:HIS:NE2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:34:HIS:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:36:LEU:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:36:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:36:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:H	1:A:36:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:36:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:36:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:36:LEU:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:36:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:36:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:36:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:36:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:H	1:A:36:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:H	1:A:36:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:H	1:A:36:LEU:HD21	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:H	1:A:36:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:H	1:A:36:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:H	1:A:36:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:36:LEU:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:36:LEU:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:37:TYR:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:37:TYR:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:37:TYR:CB	13	0.25
(2,9)	2:B:9:GLY:H	1:A:37:TYR:CD1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:37:TYR:CD2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:37:TYR:CE1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:37:TYR:CE2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:37:TYR:CG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:37:TYR:CZ	13	0.25
(2,9)	2:B:9:GLY:H	1:A:37:TYR:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:37:TYR:HA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:37:TYR:HB2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:37:TYR:HB3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:37:TYR:HD1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:37:TYR:HD2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:37:TYR:HE1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:37:TYR:HE2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:37:TYR:HH	13	0.25
(2,9)	2:B:9:GLY:H	1:A:37:TYR:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:37:TYR:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:37:TYR:OH	13	0.25
(2,9)	2:B:9:GLY:H	1:A:38:ASP:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:38:ASP:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:38:ASP:CB	13	0.25
(2,9)	2:B:9:GLY:H	1:A:38:ASP:CG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:38:ASP:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:38:ASP:HA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:38:ASP:HB2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:38:ASP:HB3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:38:ASP:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:38:ASP:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:38:ASP:OD1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:38:ASP:OD2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:39:LEU:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:39:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:39:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:H	1:A:39:LEU:CD1	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:H	1:A:39:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:39:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:39:LEU:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:39:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:39:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:39:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:39:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:H	1:A:39:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:H	1:A:39:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:H	1:A:39:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:H	1:A:39:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:H	1:A:39:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:H	1:A:39:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:39:LEU:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:39:LEU:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:40:GLY:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:40:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:40:GLY:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:40:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:40:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:40:GLY:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:40:GLY:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:41:GLY:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:41:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:41:GLY:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:41:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:41:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:41:GLY:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:41:GLY:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:42:GLY:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:42:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:42:GLY:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:42:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:42:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:42:GLY:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:42:GLY:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:43:LYS:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:43:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:43:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:H	1:A:43:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:H	1:A:43:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:H	1:A:43:LYS:CG	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:H	1:A:43:LYS:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:43:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:43:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:43:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:43:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:43:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:43:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:43:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:43:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:43:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:43:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:43:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:43:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:43:LYS:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:43:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:H	1:A:43:LYS:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:44:ALA:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:44:ALA:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:44:ALA:CB	13	0.25
(2,9)	2:B:9:GLY:H	1:A:44:ALA:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:44:ALA:HA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:44:ALA:HB1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:44:ALA:HB2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:44:ALA:HB3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:44:ALA:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:44:ALA:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:45:GLY:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:45:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:45:GLY:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:45:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:45:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:45:GLY:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:45:GLY:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:46:MET:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:46:MET:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:46:MET:CB	13	0.25
(2,9)	2:B:9:GLY:H	1:A:46:MET:CE	13	0.25
(2,9)	2:B:9:GLY:H	1:A:46:MET:CG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:46:MET:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:46:MET:HA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:46:MET:HB2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:46:MET:HB3	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:H	1:A:46:MET:HE1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:46:MET:HE2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:46:MET:HE3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:46:MET:HG2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:46:MET:HG3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:46:MET:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:46:MET:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:46:MET:SD	13	0.25
(2,9)	2:B:9:GLY:H	1:A:47:GLY:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:47:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:47:GLY:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:47:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:47:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:47:GLY:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:47:GLY:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:48:MET:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:48:MET:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:48:MET:CB	13	0.25
(2,9)	2:B:9:GLY:H	1:A:48:MET:CE	13	0.25
(2,9)	2:B:9:GLY:H	1:A:48:MET:CG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:48:MET:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:48:MET:HA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:48:MET:HB2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:48:MET:HB3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:48:MET:HE1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:48:MET:HE2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:48:MET:HE3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:48:MET:HG2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:48:MET:HG3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:48:MET:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:48:MET:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:48:MET:SD	13	0.25
(2,9)	2:B:9:GLY:H	1:A:50:SER:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:50:SER:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:50:SER:CB	13	0.25
(2,9)	2:B:9:GLY:H	1:A:50:SER:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:50:SER:HA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:50:SER:HB2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:50:SER:HB3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:50:SER:HG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:50:SER:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:50:SER:O	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:H	1:A:50:SER:OG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:51:GLU:C	13	0.25
(2,9)	2:B:9:GLY:H	1:A:51:GLU:CA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:51:GLU:CB	13	0.25
(2,9)	2:B:9:GLY:H	1:A:51:GLU:CD	13	0.25
(2,9)	2:B:9:GLY:H	1:A:51:GLU:CG	13	0.25
(2,9)	2:B:9:GLY:H	1:A:51:GLU:H	13	0.25
(2,9)	2:B:9:GLY:H	1:A:51:GLU:HA	13	0.25
(2,9)	2:B:9:GLY:H	1:A:51:GLU:HB2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:51:GLU:HB3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:51:GLU:HG2	13	0.25
(2,9)	2:B:9:GLY:H	1:A:51:GLU:HG3	13	0.25
(2,9)	2:B:9:GLY:H	1:A:51:GLU:N	13	0.25
(2,9)	2:B:9:GLY:H	1:A:51:GLU:O	13	0.25
(2,9)	2:B:9:GLY:H	1:A:51:GLU:OE1	13	0.25
(2,9)	2:B:9:GLY:H	1:A:51:GLU:OE2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:10:LYS:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:10:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:10:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:10:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:10:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:10:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:10:LYS:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:10:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:10:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:10:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:10:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:10:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:10:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:10:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:10:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:10:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:10:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:10:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:10:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:10:LYS:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:10:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:10:LYS:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:11:TYR:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:11:TYR:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:11:TYR:CB	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:11:TYR:CD1	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:HA2	1:A:11:TYR:CD2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:11:TYR:CE1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:11:TYR:CE2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:11:TYR:CG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:11:TYR:CZ	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:11:TYR:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:11:TYR:HA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:11:TYR:HB2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:11:TYR:HB3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:11:TYR:HD1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:11:TYR:HD2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:11:TYR:HE1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:11:TYR:HE2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:11:TYR:HH	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:11:TYR:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:11:TYR:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:11:TYR:OH	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:12:LYS:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:12:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:12:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:12:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:12:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:12:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:12:LYS:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:12:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:12:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:12:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:12:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:12:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:12:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:12:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:12:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:12:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:12:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:12:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:12:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:12:LYS:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:12:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:12:LYS:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:16:LYS:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:16:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:16:LYS:CB	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:HA2	1:A:16:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:16:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:16:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:16:LYS:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:16:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:16:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:16:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:16:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:16:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:16:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:16:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:16:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:16:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:16:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:16:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:16:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:16:LYS:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:16:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:16:LYS:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:24:LEU:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:24:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:24:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:24:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:24:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:24:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:24:LEU:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:24:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:24:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:24:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:24:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:24:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:24:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:24:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:24:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:24:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:24:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:24:LEU:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:24:LEU:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:27:GLY:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:27:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:27:GLY:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:27:GLY:HA2	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:HA2	1:A:27:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:27:GLY:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:27:GLY:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:CB	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:CD	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:CG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:CZ	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:HA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:HB2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:HB3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:HD2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:HD3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:HE	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:HG2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:HG3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:HH11	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:HH12	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:HH21	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:HH22	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:NE	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:NH1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:NH2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:28:ARG:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:29:TYR:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:29:TYR:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:29:TYR:CB	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:29:TYR:CD1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:29:TYR:CD2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:29:TYR:CE1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:29:TYR:CE2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:29:TYR:CG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:29:TYR:CZ	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:29:TYR:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:29:TYR:HA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:29:TYR:HB2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:29:TYR:HB3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:29:TYR:HD1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:29:TYR:HD2	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:HA2	1:A:29:TYR:HE1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:29:TYR:HE2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:29:TYR:HH	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:29:TYR:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:29:TYR:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:29:TYR:OH	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:30:GLY:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:30:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:30:GLY:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:30:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:30:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:30:GLY:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:30:GLY:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:31:LYS:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:31:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:31:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:31:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:31:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:31:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:31:LYS:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:31:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:31:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:31:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:31:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:31:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:31:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:31:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:31:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:31:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:31:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:31:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:31:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:31:LYS:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:31:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:31:LYS:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:32:LEU:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:32:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:32:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:32:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:32:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:32:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:32:LEU:H	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:HA2	1:A:32:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:32:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:32:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:32:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:32:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:32:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:32:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:32:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:32:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:32:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:32:LEU:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:32:LEU:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:34:HIS:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:34:HIS:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:34:HIS:CB	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:34:HIS:CD2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:34:HIS:CE1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:34:HIS:CG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:34:HIS:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:34:HIS:HA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:34:HIS:HB2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:34:HIS:HB3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:34:HIS:HD1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:34:HIS:HD2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:34:HIS:HE1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:34:HIS:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:34:HIS:ND1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:34:HIS:NE2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:34:HIS:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:36:LEU:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:36:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:36:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:36:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:36:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:36:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:36:LEU:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:36:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:36:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:36:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:36:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:36:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:36:LEU:HD13	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:HA2	1:A:36:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:36:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:36:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:36:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:36:LEU:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:36:LEU:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:37:TYR:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:37:TYR:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:37:TYR:CB	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:37:TYR:CD1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:37:TYR:CD2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:37:TYR:CE1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:37:TYR:CE2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:37:TYR:CG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:37:TYR:CZ	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:37:TYR:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:37:TYR:HA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:37:TYR:HB2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:37:TYR:HB3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:37:TYR:HD1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:37:TYR:HD2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:37:TYR:HE1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:37:TYR:HE2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:37:TYR:HH	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:37:TYR:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:37:TYR:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:37:TYR:OH	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:38:ASP:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:38:ASP:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:38:ASP:CB	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:38:ASP:CG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:38:ASP:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:38:ASP:HA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:38:ASP:HB2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:38:ASP:HB3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:38:ASP:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:38:ASP:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:38:ASP:OD1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:38:ASP:OD2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:39:LEU:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:39:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:39:LEU:CB	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:HA2	1:A:39:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:39:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:39:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:39:LEU:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:39:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:39:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:39:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:39:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:39:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:39:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:39:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:39:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:39:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:39:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:39:LEU:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:39:LEU:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:40:GLY:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:40:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:40:GLY:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:40:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:40:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:40:GLY:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:40:GLY:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:41:GLY:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:41:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:41:GLY:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:41:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:41:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:41:GLY:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:41:GLY:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:42:GLY:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:42:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:42:GLY:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:42:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:42:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:42:GLY:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:42:GLY:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:43:LYS:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:43:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:43:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:43:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:43:LYS:CE	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:HA2	1:A:43:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:43:LYS:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:43:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:43:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:43:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:43:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:43:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:43:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:43:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:43:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:43:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:43:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:43:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:43:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:43:LYS:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:43:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:43:LYS:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:44:ALA:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:44:ALA:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:44:ALA:CB	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:44:ALA:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:44:ALA:HA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:44:ALA:HB1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:44:ALA:HB2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:44:ALA:HB3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:44:ALA:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:44:ALA:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:45:GLY:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:45:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:45:GLY:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:45:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:45:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:45:GLY:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:45:GLY:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:46:MET:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:46:MET:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:46:MET:CB	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:46:MET:CE	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:46:MET:CG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:46:MET:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:46:MET:HA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:46:MET:HB2	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:HA2	1:A:46:MET:HB3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:46:MET:HE1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:46:MET:HE2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:46:MET:HE3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:46:MET:HG2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:46:MET:HG3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:46:MET:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:46:MET:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:46:MET:SD	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:47:GLY:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:47:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:47:GLY:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:47:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:47:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:47:GLY:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:47:GLY:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:48:MET:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:48:MET:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:48:MET:CB	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:48:MET:CE	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:48:MET:CG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:48:MET:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:48:MET:HA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:48:MET:HB2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:48:MET:HB3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:48:MET:HE1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:48:MET:HE2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:48:MET:HE3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:48:MET:HG2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:48:MET:HG3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:48:MET:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:48:MET:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:48:MET:SD	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:50:SER:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:50:SER:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:50:SER:CB	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:50:SER:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:50:SER:HA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:50:SER:HB2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:50:SER:HB3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:50:SER:HG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:50:SER:N	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:HA2	1:A:50:SER:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:50:SER:OG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:51:GLU:C	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:51:GLU:CA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:51:GLU:CB	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:51:GLU:CD	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:51:GLU:CG	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:51:GLU:H	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:51:GLU:HA	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:51:GLU:HB2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:51:GLU:HB3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:51:GLU:HG2	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:51:GLU:HG3	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:51:GLU:N	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:51:GLU:O	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:51:GLU:OE1	13	0.25
(2,9)	2:B:9:GLY:HA2	1:A:51:GLU:OE2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:10:LYS:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:10:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:10:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:10:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:10:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:10:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:10:LYS:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:10:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:10:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:10:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:10:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:10:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:10:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:10:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:10:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:10:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:10:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:10:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:10:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:10:LYS:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:10:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:10:LYS:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:11:TYR:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:11:TYR:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:11:TYR:CB	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:HA3	1:A:11:TYR:CD1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:11:TYR:CD2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:11:TYR:CE1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:11:TYR:CE2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:11:TYR:CG	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:11:TYR:CZ	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:11:TYR:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:11:TYR:HA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:11:TYR:HB2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:11:TYR:HB3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:11:TYR:HD1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:11:TYR:HD2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:11:TYR:HE1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:11:TYR:HE2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:11:TYR:HH	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:11:TYR:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:11:TYR:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:11:TYR:OH	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:12:LYS:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:12:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:12:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:12:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:12:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:12:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:12:LYS:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:12:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:12:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:12:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:12:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:12:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:12:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:12:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:12:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:12:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:12:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:12:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:12:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:12:LYS:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:12:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:12:LYS:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:16:LYS:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:16:LYS:CA	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:HA3	1:A:16:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:16:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:16:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:16:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:16:LYS:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:16:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:16:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:16:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:16:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:16:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:16:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:16:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:16:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:16:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:16:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:16:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:16:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:16:LYS:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:16:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:16:LYS:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:24:LEU:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:24:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:24:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:24:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:24:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:24:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:24:LEU:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:24:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:24:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:24:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:24:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:24:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:24:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:24:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:24:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:24:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:24:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:24:LEU:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:24:LEU:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:27:GLY:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:27:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:27:GLY:H	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:HA3	1:A:27:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:27:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:27:GLY:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:27:GLY:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:CB	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:CD	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:CG	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:CZ	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:HA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:HB2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:HB3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:HD2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:HD3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:HE	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:HG2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:HG3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:HH11	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:HH12	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:HH21	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:HH22	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:NE	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:NH1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:NH2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:28:ARG:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:29:TYR:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:29:TYR:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:29:TYR:CB	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:29:TYR:CD1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:29:TYR:CD2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:29:TYR:CE1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:29:TYR:CE2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:29:TYR:CG	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:29:TYR:CZ	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:29:TYR:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:29:TYR:HA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:29:TYR:HB2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:29:TYR:HB3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:29:TYR:HD1	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:HA3	1:A:29:TYR:HD2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:29:TYR:HE1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:29:TYR:HE2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:29:TYR:HH	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:29:TYR:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:29:TYR:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:29:TYR:OH	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:30:GLY:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:30:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:30:GLY:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:30:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:30:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:30:GLY:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:30:GLY:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:31:LYS:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:31:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:31:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:31:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:31:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:31:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:31:LYS:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:31:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:31:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:31:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:31:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:31:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:31:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:31:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:31:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:31:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:31:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:31:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:31:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:31:LYS:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:31:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:31:LYS:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:32:LEU:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:32:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:32:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:32:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:32:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:32:LEU:CG	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:HA3	1:A:32:LEU:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:32:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:32:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:32:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:32:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:32:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:32:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:32:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:32:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:32:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:32:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:32:LEU:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:32:LEU:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:34:HIS:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:34:HIS:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:34:HIS:CB	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:34:HIS:CD2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:34:HIS:CE1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:34:HIS:CG	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:34:HIS:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:34:HIS:HA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:34:HIS:HB2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:34:HIS:HB3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:34:HIS:HD1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:34:HIS:HD2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:34:HIS:HE1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:34:HIS:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:34:HIS:ND1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:34:HIS:NE2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:34:HIS:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:36:LEU:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:36:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:36:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:36:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:36:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:36:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:36:LEU:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:36:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:36:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:36:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:36:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:36:LEU:HD12	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:HA3	1:A:36:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:36:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:36:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:36:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:36:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:36:LEU:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:36:LEU:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:37:TYR:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:37:TYR:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:37:TYR:CB	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:37:TYR:CD1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:37:TYR:CD2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:37:TYR:CE1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:37:TYR:CE2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:37:TYR:CG	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:37:TYR:CZ	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:37:TYR:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:37:TYR:HA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:37:TYR:HB2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:37:TYR:HB3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:37:TYR:HD1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:37:TYR:HD2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:37:TYR:HE1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:37:TYR:HE2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:37:TYR:HH	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:37:TYR:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:37:TYR:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:37:TYR:OH	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:38:ASP:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:38:ASP:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:38:ASP:CB	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:38:ASP:CG	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:38:ASP:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:38:ASP:HA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:38:ASP:HB2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:38:ASP:HB3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:38:ASP:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:38:ASP:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:38:ASP:OD1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:38:ASP:OD2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:39:LEU:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:39:LEU:CA	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:HA3	1:A:39:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:39:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:39:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:39:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:39:LEU:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:39:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:39:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:39:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:39:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:39:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:39:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:39:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:39:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:39:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:39:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:39:LEU:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:39:LEU:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:40:GLY:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:40:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:40:GLY:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:40:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:40:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:40:GLY:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:40:GLY:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:41:GLY:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:41:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:41:GLY:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:41:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:41:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:41:GLY:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:41:GLY:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:42:GLY:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:42:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:42:GLY:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:42:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:42:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:42:GLY:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:42:GLY:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:43:LYS:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:43:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:43:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:43:LYS:CD	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:HA3	1:A:43:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:43:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:43:LYS:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:43:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:43:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:43:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:43:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:43:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:43:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:43:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:43:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:43:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:43:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:43:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:43:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:43:LYS:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:43:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:43:LYS:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:44:ALA:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:44:ALA:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:44:ALA:CB	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:44:ALA:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:44:ALA:HA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:44:ALA:HB1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:44:ALA:HB2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:44:ALA:HB3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:44:ALA:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:44:ALA:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:45:GLY:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:45:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:45:GLY:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:45:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:45:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:45:GLY:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:45:GLY:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:46:MET:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:46:MET:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:46:MET:CB	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:46:MET:CE	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:46:MET:CG	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:46:MET:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:46:MET:HA	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:HA3	1:A:46:MET:HB2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:46:MET:HB3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:46:MET:HE1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:46:MET:HE2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:46:MET:HE3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:46:MET:HG2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:46:MET:HG3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:46:MET:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:46:MET:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:46:MET:SD	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:47:GLY:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:47:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:47:GLY:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:47:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:47:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:47:GLY:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:47:GLY:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:48:MET:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:48:MET:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:48:MET:CB	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:48:MET:CE	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:48:MET:CG	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:48:MET:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:48:MET:HA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:48:MET:HB2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:48:MET:HB3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:48:MET:HE1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:48:MET:HE2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:48:MET:HE3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:48:MET:HG2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:48:MET:HG3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:48:MET:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:48:MET:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:48:MET:SD	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:50:SER:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:50:SER:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:50:SER:CB	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:50:SER:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:50:SER:HA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:50:SER:HB2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:50:SER:HB3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:50:SER:HG	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:HA3	1:A:50:SER:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:50:SER:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:50:SER:OG	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:51:GLU:C	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:51:GLU:CA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:51:GLU:CB	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:51:GLU:CD	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:51:GLU:CG	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:51:GLU:H	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:51:GLU:HA	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:51:GLU:HB2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:51:GLU:HB3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:51:GLU:HG2	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:51:GLU:HG3	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:51:GLU:N	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:51:GLU:O	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:51:GLU:OE1	13	0.25
(2,9)	2:B:9:GLY:HA3	1:A:51:GLU:OE2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:10:LYS:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:10:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:10:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:N	1:A:10:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:N	1:A:10:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:N	1:A:10:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:10:LYS:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:10:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:10:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:10:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:10:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:10:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:10:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:10:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:10:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:10:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:10:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:10:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:10:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:10:LYS:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:10:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:N	1:A:10:LYS:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:11:TYR:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:11:TYR:CA	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:N	1:A:11:TYR:CB	13	0.25
(2,9)	2:B:9:GLY:N	1:A:11:TYR:CD1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:11:TYR:CD2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:11:TYR:CE1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:11:TYR:CE2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:11:TYR:CG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:11:TYR:CZ	13	0.25
(2,9)	2:B:9:GLY:N	1:A:11:TYR:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:11:TYR:HA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:11:TYR:HB2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:11:TYR:HB3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:11:TYR:HD1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:11:TYR:HD2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:11:TYR:HE1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:11:TYR:HE2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:11:TYR:HH	13	0.25
(2,9)	2:B:9:GLY:N	1:A:11:TYR:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:11:TYR:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:11:TYR:OH	13	0.25
(2,9)	2:B:9:GLY:N	1:A:12:LYS:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:12:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:12:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:N	1:A:12:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:N	1:A:12:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:N	1:A:12:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:12:LYS:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:12:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:12:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:12:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:12:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:12:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:12:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:12:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:12:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:12:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:12:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:12:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:12:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:12:LYS:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:12:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:N	1:A:12:LYS:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:16:LYS:C	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:N	1:A:16:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:16:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:N	1:A:16:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:N	1:A:16:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:N	1:A:16:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:16:LYS:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:16:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:16:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:16:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:16:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:16:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:16:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:16:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:16:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:16:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:16:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:16:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:16:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:16:LYS:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:16:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:N	1:A:16:LYS:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:24:LEU:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:24:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:24:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:N	1:A:24:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:24:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:24:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:24:LEU:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:24:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:24:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:24:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:24:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:N	1:A:24:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:N	1:A:24:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:N	1:A:24:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:N	1:A:24:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:N	1:A:24:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:N	1:A:24:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:24:LEU:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:24:LEU:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:27:GLY:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:27:GLY:CA	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:N	1:A:27:GLY:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:27:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:27:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:27:GLY:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:27:GLY:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:CB	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:CD	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:CG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:CZ	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:HA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:HB2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:HB3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:HD2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:HD3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:HE	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:HG2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:HG3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:HH11	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:HH12	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:HH21	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:HH22	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:NE	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:NH1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:NH2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:28:ARG:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:29:TYR:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:29:TYR:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:29:TYR:CB	13	0.25
(2,9)	2:B:9:GLY:N	1:A:29:TYR:CD1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:29:TYR:CD2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:29:TYR:CE1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:29:TYR:CE2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:29:TYR:CG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:29:TYR:CZ	13	0.25
(2,9)	2:B:9:GLY:N	1:A:29:TYR:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:29:TYR:HA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:29:TYR:HB2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:29:TYR:HB3	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:N	1:A:29:TYR:HD1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:29:TYR:HD2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:29:TYR:HE1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:29:TYR:HE2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:29:TYR:HH	13	0.25
(2,9)	2:B:9:GLY:N	1:A:29:TYR:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:29:TYR:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:29:TYR:OH	13	0.25
(2,9)	2:B:9:GLY:N	1:A:30:GLY:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:30:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:30:GLY:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:30:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:30:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:30:GLY:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:30:GLY:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:31:LYS:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:31:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:31:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:N	1:A:31:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:N	1:A:31:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:N	1:A:31:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:31:LYS:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:31:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:31:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:31:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:31:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:31:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:31:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:31:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:31:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:31:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:31:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:31:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:31:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:31:LYS:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:31:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:N	1:A:31:LYS:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:32:LEU:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:32:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:32:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:N	1:A:32:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:32:LEU:CD2	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:N	1:A:32:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:32:LEU:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:32:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:32:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:32:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:32:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:N	1:A:32:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:N	1:A:32:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:N	1:A:32:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:N	1:A:32:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:N	1:A:32:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:N	1:A:32:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:32:LEU:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:32:LEU:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:34:HIS:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:34:HIS:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:34:HIS:CB	13	0.25
(2,9)	2:B:9:GLY:N	1:A:34:HIS:CD2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:34:HIS:CE1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:34:HIS:CG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:34:HIS:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:34:HIS:HA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:34:HIS:HB2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:34:HIS:HB3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:34:HIS:HD1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:34:HIS:HD2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:34:HIS:HE1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:34:HIS:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:34:HIS:ND1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:34:HIS:NE2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:34:HIS:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:36:LEU:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:36:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:36:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:N	1:A:36:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:36:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:36:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:36:LEU:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:36:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:36:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:36:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:36:LEU:HD11	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:N	1:A:36:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:N	1:A:36:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:N	1:A:36:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:N	1:A:36:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:N	1:A:36:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:N	1:A:36:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:36:LEU:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:36:LEU:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:37:TYR:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:37:TYR:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:37:TYR:CB	13	0.25
(2,9)	2:B:9:GLY:N	1:A:37:TYR:CD1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:37:TYR:CD2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:37:TYR:CE1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:37:TYR:CE2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:37:TYR:CG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:37:TYR:CZ	13	0.25
(2,9)	2:B:9:GLY:N	1:A:37:TYR:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:37:TYR:HA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:37:TYR:HB2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:37:TYR:HB3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:37:TYR:HD1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:37:TYR:HD2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:37:TYR:HE1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:37:TYR:HE2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:37:TYR:HH	13	0.25
(2,9)	2:B:9:GLY:N	1:A:37:TYR:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:37:TYR:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:37:TYR:OH	13	0.25
(2,9)	2:B:9:GLY:N	1:A:38:ASP:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:38:ASP:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:38:ASP:CB	13	0.25
(2,9)	2:B:9:GLY:N	1:A:38:ASP:CG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:38:ASP:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:38:ASP:HA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:38:ASP:HB2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:38:ASP:HB3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:38:ASP:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:38:ASP:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:38:ASP:OD1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:38:ASP:OD2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:39:LEU:C	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:N	1:A:39:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:39:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:N	1:A:39:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:39:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:39:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:39:LEU:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:39:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:39:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:39:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:39:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:N	1:A:39:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:N	1:A:39:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:N	1:A:39:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:N	1:A:39:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:N	1:A:39:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:N	1:A:39:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:39:LEU:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:39:LEU:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:40:GLY:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:40:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:40:GLY:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:40:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:40:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:40:GLY:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:40:GLY:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:41:GLY:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:41:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:41:GLY:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:41:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:41:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:41:GLY:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:41:GLY:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:42:GLY:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:42:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:42:GLY:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:42:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:42:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:42:GLY:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:42:GLY:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:43:LYS:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:43:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:43:LYS:CB	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:N	1:A:43:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:N	1:A:43:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:N	1:A:43:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:43:LYS:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:43:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:43:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:43:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:43:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:43:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:43:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:43:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:43:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:43:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:43:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:43:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:43:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:43:LYS:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:43:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:N	1:A:43:LYS:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:44:ALA:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:44:ALA:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:44:ALA:CB	13	0.25
(2,9)	2:B:9:GLY:N	1:A:44:ALA:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:44:ALA:HA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:44:ALA:HB1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:44:ALA:HB2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:44:ALA:HB3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:44:ALA:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:44:ALA:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:45:GLY:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:45:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:45:GLY:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:45:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:45:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:45:GLY:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:45:GLY:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:46:MET:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:46:MET:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:46:MET:CB	13	0.25
(2,9)	2:B:9:GLY:N	1:A:46:MET:CE	13	0.25
(2,9)	2:B:9:GLY:N	1:A:46:MET:CG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:46:MET:H	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:N	1:A:46:MET:HA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:46:MET:HB2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:46:MET:HB3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:46:MET:HE1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:46:MET:HE2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:46:MET:HE3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:46:MET:HG2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:46:MET:HG3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:46:MET:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:46:MET:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:46:MET:SD	13	0.25
(2,9)	2:B:9:GLY:N	1:A:47:GLY:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:47:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:47:GLY:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:47:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:47:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:47:GLY:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:47:GLY:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:48:MET:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:48:MET:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:48:MET:CB	13	0.25
(2,9)	2:B:9:GLY:N	1:A:48:MET:CE	13	0.25
(2,9)	2:B:9:GLY:N	1:A:48:MET:CG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:48:MET:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:48:MET:HA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:48:MET:HB2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:48:MET:HB3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:48:MET:HE1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:48:MET:HE2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:48:MET:HE3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:48:MET:HG2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:48:MET:HG3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:48:MET:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:48:MET:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:48:MET:SD	13	0.25
(2,9)	2:B:9:GLY:N	1:A:50:SER:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:50:SER:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:50:SER:CB	13	0.25
(2,9)	2:B:9:GLY:N	1:A:50:SER:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:50:SER:HA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:50:SER:HB2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:50:SER:HB3	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:N	1:A:50:SER:HG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:50:SER:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:50:SER:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:50:SER:OG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:51:GLU:C	13	0.25
(2,9)	2:B:9:GLY:N	1:A:51:GLU:CA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:51:GLU:CB	13	0.25
(2,9)	2:B:9:GLY:N	1:A:51:GLU:CD	13	0.25
(2,9)	2:B:9:GLY:N	1:A:51:GLU:CG	13	0.25
(2,9)	2:B:9:GLY:N	1:A:51:GLU:H	13	0.25
(2,9)	2:B:9:GLY:N	1:A:51:GLU:HA	13	0.25
(2,9)	2:B:9:GLY:N	1:A:51:GLU:HB2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:51:GLU:HB3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:51:GLU:HG2	13	0.25
(2,9)	2:B:9:GLY:N	1:A:51:GLU:HG3	13	0.25
(2,9)	2:B:9:GLY:N	1:A:51:GLU:N	13	0.25
(2,9)	2:B:9:GLY:N	1:A:51:GLU:O	13	0.25
(2,9)	2:B:9:GLY:N	1:A:51:GLU:OE1	13	0.25
(2,9)	2:B:9:GLY:N	1:A:51:GLU:OE2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:10:LYS:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:10:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:10:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:O	1:A:10:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:O	1:A:10:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:O	1:A:10:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:10:LYS:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:10:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:10:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:10:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:10:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:10:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:10:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:10:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:10:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:10:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:10:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:10:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:10:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:10:LYS:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:10:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:O	1:A:10:LYS:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:11:TYR:C	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:O	1:A:11:TYR:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:11:TYR:CB	13	0.25
(2,9)	2:B:9:GLY:O	1:A:11:TYR:CD1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:11:TYR:CD2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:11:TYR:CE1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:11:TYR:CE2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:11:TYR:CG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:11:TYR:CZ	13	0.25
(2,9)	2:B:9:GLY:O	1:A:11:TYR:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:11:TYR:HA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:11:TYR:HB2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:11:TYR:HB3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:11:TYR:HD1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:11:TYR:HD2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:11:TYR:HE1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:11:TYR:HE2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:11:TYR:HH	13	0.25
(2,9)	2:B:9:GLY:O	1:A:11:TYR:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:11:TYR:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:11:TYR:OH	13	0.25
(2,9)	2:B:9:GLY:O	1:A:12:LYS:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:12:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:12:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:O	1:A:12:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:O	1:A:12:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:O	1:A:12:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:12:LYS:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:12:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:12:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:12:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:12:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:12:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:12:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:12:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:12:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:12:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:12:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:12:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:12:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:12:LYS:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:12:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:O	1:A:12:LYS:O	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:O	1:A:16:LYS:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:16:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:16:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:O	1:A:16:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:O	1:A:16:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:O	1:A:16:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:16:LYS:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:16:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:16:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:16:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:16:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:16:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:16:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:16:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:16:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:16:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:16:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:16:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:16:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:16:LYS:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:16:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:O	1:A:16:LYS:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:24:LEU:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:24:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:24:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:O	1:A:24:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:24:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:24:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:24:LEU:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:24:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:24:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:24:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:24:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:O	1:A:24:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:O	1:A:24:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:O	1:A:24:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:O	1:A:24:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:O	1:A:24:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:O	1:A:24:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:24:LEU:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:24:LEU:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:27:GLY:C	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:O	1:A:27:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:27:GLY:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:27:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:27:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:27:GLY:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:27:GLY:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:CB	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:CD	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:CG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:CZ	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:HA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:HB2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:HB3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:HD2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:HD3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:HE	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:HG2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:HG3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:HH11	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:HH12	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:HH21	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:HH22	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:NE	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:NH1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:NH2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:28:ARG:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:29:TYR:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:29:TYR:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:29:TYR:CB	13	0.25
(2,9)	2:B:9:GLY:O	1:A:29:TYR:CD1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:29:TYR:CD2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:29:TYR:CE1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:29:TYR:CE2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:29:TYR:CG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:29:TYR:CZ	13	0.25
(2,9)	2:B:9:GLY:O	1:A:29:TYR:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:29:TYR:HA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:29:TYR:HB2	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:O	1:A:29:TYR:HB3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:29:TYR:HD1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:29:TYR:HD2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:29:TYR:HE1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:29:TYR:HE2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:29:TYR:HH	13	0.25
(2,9)	2:B:9:GLY:O	1:A:29:TYR:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:29:TYR:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:29:TYR:OH	13	0.25
(2,9)	2:B:9:GLY:O	1:A:30:GLY:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:30:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:30:GLY:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:30:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:30:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:30:GLY:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:30:GLY:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:31:LYS:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:31:LYS:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:31:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:O	1:A:31:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:O	1:A:31:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:O	1:A:31:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:31:LYS:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:31:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:31:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:31:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:31:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:31:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:31:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:31:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:31:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:31:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:31:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:31:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:31:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:31:LYS:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:31:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:O	1:A:31:LYS:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:32:LEU:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:32:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:32:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:O	1:A:32:LEU:CD1	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:O	1:A:32:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:32:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:32:LEU:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:32:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:32:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:32:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:32:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:O	1:A:32:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:O	1:A:32:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:O	1:A:32:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:O	1:A:32:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:O	1:A:32:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:O	1:A:32:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:32:LEU:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:32:LEU:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:34:HIS:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:34:HIS:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:34:HIS:CB	13	0.25
(2,9)	2:B:9:GLY:O	1:A:34:HIS:CD2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:34:HIS:CE1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:34:HIS:CG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:34:HIS:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:34:HIS:HA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:34:HIS:HB2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:34:HIS:HB3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:34:HIS:HD1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:34:HIS:HD2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:34:HIS:HE1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:34:HIS:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:34:HIS:ND1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:34:HIS:NE2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:34:HIS:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:36:LEU:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:36:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:36:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:O	1:A:36:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:36:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:36:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:36:LEU:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:36:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:36:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:36:LEU:HB3	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:O	1:A:36:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:O	1:A:36:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:O	1:A:36:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:O	1:A:36:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:O	1:A:36:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:O	1:A:36:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:O	1:A:36:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:36:LEU:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:36:LEU:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:37:TYR:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:37:TYR:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:37:TYR:CB	13	0.25
(2,9)	2:B:9:GLY:O	1:A:37:TYR:CD1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:37:TYR:CD2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:37:TYR:CE1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:37:TYR:CE2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:37:TYR:CG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:37:TYR:CZ	13	0.25
(2,9)	2:B:9:GLY:O	1:A:37:TYR:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:37:TYR:HA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:37:TYR:HB2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:37:TYR:HB3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:37:TYR:HD1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:37:TYR:HD2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:37:TYR:HE1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:37:TYR:HE2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:37:TYR:HH	13	0.25
(2,9)	2:B:9:GLY:O	1:A:37:TYR:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:37:TYR:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:37:TYR:OH	13	0.25
(2,9)	2:B:9:GLY:O	1:A:38:ASP:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:38:ASP:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:38:ASP:CB	13	0.25
(2,9)	2:B:9:GLY:O	1:A:38:ASP:CG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:38:ASP:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:38:ASP:HA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:38:ASP:HB2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:38:ASP:HB3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:38:ASP:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:38:ASP:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:38:ASP:OD1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:38:ASP:OD2	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:O	1:A:39:LEU:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:39:LEU:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:39:LEU:CB	13	0.25
(2,9)	2:B:9:GLY:O	1:A:39:LEU:CD1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:39:LEU:CD2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:39:LEU:CG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:39:LEU:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:39:LEU:HA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:39:LEU:HB2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:39:LEU:HB3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:39:LEU:HD11	13	0.25
(2,9)	2:B:9:GLY:O	1:A:39:LEU:HD12	13	0.25
(2,9)	2:B:9:GLY:O	1:A:39:LEU:HD13	13	0.25
(2,9)	2:B:9:GLY:O	1:A:39:LEU:HD21	13	0.25
(2,9)	2:B:9:GLY:O	1:A:39:LEU:HD22	13	0.25
(2,9)	2:B:9:GLY:O	1:A:39:LEU:HD23	13	0.25
(2,9)	2:B:9:GLY:O	1:A:39:LEU:HG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:39:LEU:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:39:LEU:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:40:GLY:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:40:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:40:GLY:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:40:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:40:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:40:GLY:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:40:GLY:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:41:GLY:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:41:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:41:GLY:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:41:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:41:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:41:GLY:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:41:GLY:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:42:GLY:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:42:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:42:GLY:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:42:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:42:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:42:GLY:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:42:GLY:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:43:LYS:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:43:LYS:CA	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:O	1:A:43:LYS:CB	13	0.25
(2,9)	2:B:9:GLY:O	1:A:43:LYS:CD	13	0.25
(2,9)	2:B:9:GLY:O	1:A:43:LYS:CE	13	0.25
(2,9)	2:B:9:GLY:O	1:A:43:LYS:CG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:43:LYS:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:43:LYS:HA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:43:LYS:HB2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:43:LYS:HB3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:43:LYS:HD2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:43:LYS:HD3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:43:LYS:HE2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:43:LYS:HE3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:43:LYS:HG2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:43:LYS:HG3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:43:LYS:HZ1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:43:LYS:HZ2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:43:LYS:HZ3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:43:LYS:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:43:LYS:NZ	13	0.25
(2,9)	2:B:9:GLY:O	1:A:43:LYS:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:44:ALA:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:44:ALA:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:44:ALA:CB	13	0.25
(2,9)	2:B:9:GLY:O	1:A:44:ALA:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:44:ALA:HA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:44:ALA:HB1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:44:ALA:HB2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:44:ALA:HB3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:44:ALA:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:44:ALA:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:45:GLY:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:45:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:45:GLY:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:45:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:45:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:45:GLY:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:45:GLY:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:46:MET:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:46:MET:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:46:MET:CB	13	0.25
(2,9)	2:B:9:GLY:O	1:A:46:MET:CE	13	0.25
(2,9)	2:B:9:GLY:O	1:A:46:MET:CG	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:O	1:A:46:MET:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:46:MET:HA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:46:MET:HB2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:46:MET:HB3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:46:MET:HE1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:46:MET:HE2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:46:MET:HE3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:46:MET:HG2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:46:MET:HG3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:46:MET:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:46:MET:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:46:MET:SD	13	0.25
(2,9)	2:B:9:GLY:O	1:A:47:GLY:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:47:GLY:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:47:GLY:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:47:GLY:HA2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:47:GLY:HA3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:47:GLY:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:47:GLY:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:48:MET:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:48:MET:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:48:MET:CB	13	0.25
(2,9)	2:B:9:GLY:O	1:A:48:MET:CE	13	0.25
(2,9)	2:B:9:GLY:O	1:A:48:MET:CG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:48:MET:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:48:MET:HA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:48:MET:HB2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:48:MET:HB3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:48:MET:HE1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:48:MET:HE2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:48:MET:HE3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:48:MET:HG2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:48:MET:HG3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:48:MET:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:48:MET:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:48:MET:SD	13	0.25
(2,9)	2:B:9:GLY:O	1:A:50:SER:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:50:SER:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:50:SER:CB	13	0.25
(2,9)	2:B:9:GLY:O	1:A:50:SER:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:50:SER:HA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:50:SER:HB2	13	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	2:B:9:GLY:O	1:A:50:SER:HB3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:50:SER:HG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:50:SER:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:50:SER:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:50:SER:OG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:51:GLU:C	13	0.25
(2,9)	2:B:9:GLY:O	1:A:51:GLU:CA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:51:GLU:CB	13	0.25
(2,9)	2:B:9:GLY:O	1:A:51:GLU:CD	13	0.25
(2,9)	2:B:9:GLY:O	1:A:51:GLU:CG	13	0.25
(2,9)	2:B:9:GLY:O	1:A:51:GLU:H	13	0.25
(2,9)	2:B:9:GLY:O	1:A:51:GLU:HA	13	0.25
(2,9)	2:B:9:GLY:O	1:A:51:GLU:HB2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:51:GLU:HB3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:51:GLU:HG2	13	0.25
(2,9)	2:B:9:GLY:O	1:A:51:GLU:HG3	13	0.25
(2,9)	2:B:9:GLY:O	1:A:51:GLU:N	13	0.25
(2,9)	2:B:9:GLY:O	1:A:51:GLU:O	13	0.25
(2,9)	2:B:9:GLY:O	1:A:51:GLU:OE1	13	0.25
(2,9)	2:B:9:GLY:O	1:A:51:GLU:OE2	13	0.25
(2,7)	2:B:5:GLY:C	1:A:10:LYS:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:10:LYS:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:10:LYS:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:10:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:C	1:A:10:LYS:O	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:11:TYR:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CB	5	0.24
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CZ	5	0.24
(2,7)	2:B:5:GLY:C	1:A:11:TYR:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HH	5	0.24
(2,7)	2:B:5:GLY:C	1:A:11:TYR:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:11:TYR:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:11:TYR:OH	5	0.24
(2,7)	2:B:5:GLY:C	1:A:12:LYS:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:12:LYS:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:12:LYS:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:12:LYS:NZ	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:12:LYS:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:16:LYS:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:16:LYS:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:16:LYS:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:16:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:C	1:A:16:LYS:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:24:LEU:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:24:LEU:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:24:LEU:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:24:LEU:O	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:27:GLY:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:27:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:27:GLY:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:27:GLY:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:27:GLY:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CB	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CD	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CZ	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HE	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH11	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH12	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH21	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH22	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NE	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:28:ARG:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:29:TYR:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CB	5	0.24
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CZ	5	0.24
(2,7)	2:B:5:GLY:C	1:A:29:TYR:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HA	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HH	5	0.24
(2,7)	2:B:5:GLY:C	1:A:29:TYR:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:29:TYR:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:29:TYR:OH	5	0.24
(2,7)	2:B:5:GLY:C	1:A:30:GLY:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:30:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:30:GLY:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:30:GLY:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:30:GLY:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:31:LYS:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:31:LYS:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:31:LYS:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:31:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:C	1:A:31:LYS:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:32:LEU:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CB	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:32:LEU:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:32:LEU:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:32:LEU:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:34:HIS:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CB	5	0.24
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CD2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CE1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:34:HIS:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HE1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:34:HIS:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:34:HIS:ND1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:34:HIS:NE2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:34:HIS:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:36:LEU:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:36:LEU:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB2	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:36:LEU:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:36:LEU:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:37:TYR:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CB	5	0.24
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CZ	5	0.24
(2,7)	2:B:5:GLY:C	1:A:37:TYR:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HH	5	0.24
(2,7)	2:B:5:GLY:C	1:A:37:TYR:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:37:TYR:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:37:TYR:OH	5	0.24
(2,7)	2:B:5:GLY:C	1:A:38:ASP:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CB	5	0.24
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:38:ASP:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:38:ASP:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:38:ASP:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD1	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:39:LEU:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:39:LEU:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:39:LEU:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:39:LEU:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:40:GLY:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:40:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:40:GLY:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:40:GLY:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:40:GLY:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:41:GLY:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:41:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:41:GLY:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:41:GLY:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:41:GLY:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:42:GLY:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:42:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:42:GLY:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:42:GLY:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:42:GLY:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:43:LYS:C	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:43:LYS:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:43:LYS:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:43:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:C	1:A:43:LYS:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:44:ALA:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CB	5	0.24
(2,7)	2:B:5:GLY:C	1:A:44:ALA:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:44:ALA:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:44:ALA:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:45:GLY:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:45:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:45:GLY:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:45:GLY:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:45:GLY:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:46:MET:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:46:MET:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:46:MET:CB	5	0.24
(2,7)	2:B:5:GLY:C	1:A:46:MET:CE	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:46:MET:CG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:46:MET:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:46:MET:HA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:46:MET:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:46:MET:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:46:MET:SD	5	0.24
(2,7)	2:B:5:GLY:C	1:A:47:GLY:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:47:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:47:GLY:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:47:GLY:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:47:GLY:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:48:MET:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:48:MET:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:48:MET:CB	5	0.24
(2,7)	2:B:5:GLY:C	1:A:48:MET:CE	5	0.24
(2,7)	2:B:5:GLY:C	1:A:48:MET:CG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:48:MET:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:48:MET:HA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:48:MET:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:48:MET:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:48:MET:SD	5	0.24
(2,7)	2:B:5:GLY:C	1:A:50:SER:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:50:SER:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:50:SER:CB	5	0.24
(2,7)	2:B:5:GLY:C	1:A:50:SER:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:50:SER:HA	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:50:SER:HG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:50:SER:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:50:SER:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:50:SER:OG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:51:GLU:C	5	0.24
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CB	5	0.24
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CD	5	0.24
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CG	5	0.24
(2,7)	2:B:5:GLY:C	1:A:51:GLU:H	5	0.24
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HA	5	0.24
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG2	5	0.24
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG3	5	0.24
(2,7)	2:B:5:GLY:C	1:A:51:GLU:N	5	0.24
(2,7)	2:B:5:GLY:C	1:A:51:GLU:O	5	0.24
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE1	5	0.24
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:NZ	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CB	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CZ	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HH	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:OH	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:N	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:N	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CB	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CD	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CZ	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HE	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH11	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH12	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH21	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH22	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NE	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CB	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CZ	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:H	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HH	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:OH	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CA	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CB	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CD2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CE1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HE1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:ND1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:NE2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HA	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CB	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CZ	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HH	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:OH	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CB	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:O	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:O	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CB	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:46:MET:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CB	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CE	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:46:MET:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:46:MET:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:46:MET:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:46:MET:SD	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:48:MET:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CB	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CE	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:48:MET:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:48:MET:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:48:MET:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:48:MET:SD	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:50:SER:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CB	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:50:SER:H	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:50:SER:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:50:SER:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:50:SER:OG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:C	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CB	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CD	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CG	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:H	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HA	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG2	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG3	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:N	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:O	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE1	5	0.24
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:10:LYS:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:10:LYS:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:10:LYS:N	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:10:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:H	1:A:10:LYS:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:11:TYR:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CB	5	0.24
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CZ	5	0.24
(2,7)	2:B:5:GLY:H	1:A:11:TYR:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HH	5	0.24
(2,7)	2:B:5:GLY:H	1:A:11:TYR:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:11:TYR:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:11:TYR:OH	5	0.24
(2,7)	2:B:5:GLY:H	1:A:12:LYS:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:12:LYS:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ3	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:12:LYS:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:12:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:H	1:A:12:LYS:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:16:LYS:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:16:LYS:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:16:LYS:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:16:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:H	1:A:16:LYS:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:24:LEU:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:24:LEU:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HG	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:24:LEU:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:24:LEU:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:27:GLY:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:27:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:27:GLY:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:27:GLY:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:27:GLY:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CB	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CD	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CZ	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HE	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH11	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH12	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH21	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH22	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NE	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:28:ARG:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:29:TYR:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CB	5	0.24
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CZ	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:29:TYR:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HH	5	0.24
(2,7)	2:B:5:GLY:H	1:A:29:TYR:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:29:TYR:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:29:TYR:OH	5	0.24
(2,7)	2:B:5:GLY:H	1:A:30:GLY:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:30:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:30:GLY:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:30:GLY:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:30:GLY:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:31:LYS:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:31:LYS:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:31:LYS:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:31:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:H	1:A:31:LYS:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:32:LEU:C	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:32:LEU:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:32:LEU:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:32:LEU:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:34:HIS:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CB	5	0.24
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CD2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CE1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:34:HIS:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HE1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:34:HIS:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:34:HIS:ND1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:34:HIS:NE2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:34:HIS:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:36:LEU:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:36:LEU:H	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:36:LEU:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:36:LEU:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:37:TYR:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CB	5	0.24
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CZ	5	0.24
(2,7)	2:B:5:GLY:H	1:A:37:TYR:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HH	5	0.24
(2,7)	2:B:5:GLY:H	1:A:37:TYR:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:37:TYR:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:37:TYR:OH	5	0.24
(2,7)	2:B:5:GLY:H	1:A:38:ASP:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CB	5	0.24
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:38:ASP:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:38:ASP:N	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:38:ASP:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:39:LEU:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:39:LEU:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:39:LEU:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:39:LEU:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:40:GLY:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:40:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:40:GLY:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:40:GLY:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:40:GLY:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:41:GLY:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:41:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:41:GLY:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:41:GLY:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:41:GLY:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:42:GLY:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:42:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:42:GLY:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:42:GLY:N	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:42:GLY:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:43:LYS:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:43:LYS:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:43:LYS:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:43:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:H	1:A:43:LYS:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:44:ALA:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CB	5	0.24
(2,7)	2:B:5:GLY:H	1:A:44:ALA:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:44:ALA:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:44:ALA:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:45:GLY:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:45:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:45:GLY:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:45:GLY:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:45:GLY:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:46:MET:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:46:MET:CA	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:46:MET:CB	5	0.24
(2,7)	2:B:5:GLY:H	1:A:46:MET:CE	5	0.24
(2,7)	2:B:5:GLY:H	1:A:46:MET:CG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:46:MET:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:46:MET:HA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:46:MET:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:46:MET:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:46:MET:SD	5	0.24
(2,7)	2:B:5:GLY:H	1:A:47:GLY:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:47:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:47:GLY:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:47:GLY:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:47:GLY:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:48:MET:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:48:MET:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:48:MET:CB	5	0.24
(2,7)	2:B:5:GLY:H	1:A:48:MET:CE	5	0.24
(2,7)	2:B:5:GLY:H	1:A:48:MET:CG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:48:MET:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:48:MET:HA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:48:MET:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:48:MET:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:48:MET:SD	5	0.24
(2,7)	2:B:5:GLY:H	1:A:50:SER:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:50:SER:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:50:SER:CB	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:50:SER:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:50:SER:HA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:50:SER:HG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:50:SER:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:50:SER:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:50:SER:OG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:51:GLU:C	5	0.24
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CB	5	0.24
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CD	5	0.24
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CG	5	0.24
(2,7)	2:B:5:GLY:H	1:A:51:GLU:H	5	0.24
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HA	5	0.24
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG2	5	0.24
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG3	5	0.24
(2,7)	2:B:5:GLY:H	1:A:51:GLU:N	5	0.24
(2,7)	2:B:5:GLY:H	1:A:51:GLU:O	5	0.24
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE1	5	0.24
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ3	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CB	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CG	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CZ	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HH	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:OH	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ2	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD23	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CB	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CD	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CG	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CZ	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HE	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH11	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH12	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH21	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH22	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NE	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CB	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CG	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CZ	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HH	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:OH	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:O	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CB	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CD2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CE1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CG	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HE1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:ND1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:NE2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CG	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CB	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CG	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CZ	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HH	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:OH	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CB	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CG	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB3	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA3	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CB	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:C	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CB	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CE	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CG	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:SD	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CB	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CE	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CG	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:SD	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CA	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CB	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HG	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:OG	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:C	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CB	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CD	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CG	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:H	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HA	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG2	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG3	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:N	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:O	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE1	5	0.24
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ2	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CB	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CZ	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HH	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:OH	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ1	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD22	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CB	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CD	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CZ	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HE	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH11	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH12	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH21	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH22	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NE	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CB	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE2	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CZ	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HH	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:OH	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:NZ	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CB	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CD2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CE1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HE1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:ND1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:NE2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD2	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CB	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CZ	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HH	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:OH	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CB	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB2	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA2	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CB	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:O	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CB	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CE	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:SD	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CB	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CE	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:SD	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:C	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CB	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:OG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:C	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CB	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CD	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CG	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:H	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HA	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG2	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG3	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:N	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:O	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE1	5	0.24
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:10:LYS:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:10:LYS:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ1	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:10:LYS:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:10:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:N	1:A:10:LYS:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:11:TYR:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CB	5	0.24
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CZ	5	0.24
(2,7)	2:B:5:GLY:N	1:A:11:TYR:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HH	5	0.24
(2,7)	2:B:5:GLY:N	1:A:11:TYR:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:11:TYR:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:11:TYR:OH	5	0.24
(2,7)	2:B:5:GLY:N	1:A:12:LYS:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:12:LYS:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG3	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:12:LYS:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:12:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:N	1:A:12:LYS:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:16:LYS:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:16:LYS:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:16:LYS:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:16:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:N	1:A:16:LYS:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:24:LEU:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:24:LEU:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD21	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:24:LEU:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:24:LEU:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:27:GLY:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:27:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:27:GLY:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:27:GLY:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:27:GLY:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CB	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CD	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CZ	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HE	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH11	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH12	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH21	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH22	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NE	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:28:ARG:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:29:TYR:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CB	5	0.24
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE1	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CZ	5	0.24
(2,7)	2:B:5:GLY:N	1:A:29:TYR:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HH	5	0.24
(2,7)	2:B:5:GLY:N	1:A:29:TYR:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:29:TYR:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:29:TYR:OH	5	0.24
(2,7)	2:B:5:GLY:N	1:A:30:GLY:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:30:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:30:GLY:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:30:GLY:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:30:GLY:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:31:LYS:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:31:LYS:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:31:LYS:N	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:31:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:N	1:A:31:LYS:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:32:LEU:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:32:LEU:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:32:LEU:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:32:LEU:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:34:HIS:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CB	5	0.24
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CD2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CE1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:34:HIS:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HE1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:34:HIS:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:34:HIS:ND1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:34:HIS:NE2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:34:HIS:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:36:LEU:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD1	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:36:LEU:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:36:LEU:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:36:LEU:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:37:TYR:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CB	5	0.24
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CZ	5	0.24
(2,7)	2:B:5:GLY:N	1:A:37:TYR:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HH	5	0.24
(2,7)	2:B:5:GLY:N	1:A:37:TYR:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:37:TYR:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:37:TYR:OH	5	0.24
(2,7)	2:B:5:GLY:N	1:A:38:ASP:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CB	5	0.24
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:38:ASP:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HA	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:38:ASP:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:38:ASP:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:39:LEU:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:39:LEU:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:39:LEU:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:39:LEU:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:40:GLY:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:40:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:40:GLY:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:40:GLY:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:40:GLY:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:41:GLY:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:41:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:41:GLY:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:41:GLY:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:41:GLY:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:42:GLY:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:42:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:42:GLY:H	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:42:GLY:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:42:GLY:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:43:LYS:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:43:LYS:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:43:LYS:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:43:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:N	1:A:43:LYS:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:44:ALA:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CB	5	0.24
(2,7)	2:B:5:GLY:N	1:A:44:ALA:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:44:ALA:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:44:ALA:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:45:GLY:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:45:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:45:GLY:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:45:GLY:N	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:45:GLY:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:46:MET:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:46:MET:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:46:MET:CB	5	0.24
(2,7)	2:B:5:GLY:N	1:A:46:MET:CE	5	0.24
(2,7)	2:B:5:GLY:N	1:A:46:MET:CG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:46:MET:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:46:MET:HA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:46:MET:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:46:MET:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:46:MET:SD	5	0.24
(2,7)	2:B:5:GLY:N	1:A:47:GLY:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:47:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:47:GLY:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:47:GLY:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:47:GLY:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:48:MET:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:48:MET:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:48:MET:CB	5	0.24
(2,7)	2:B:5:GLY:N	1:A:48:MET:CE	5	0.24
(2,7)	2:B:5:GLY:N	1:A:48:MET:CG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:48:MET:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:48:MET:HA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:48:MET:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:48:MET:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:48:MET:SD	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:50:SER:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:50:SER:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:50:SER:CB	5	0.24
(2,7)	2:B:5:GLY:N	1:A:50:SER:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:50:SER:HA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:50:SER:HG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:50:SER:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:50:SER:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:50:SER:OG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:51:GLU:C	5	0.24
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CB	5	0.24
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CD	5	0.24
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CG	5	0.24
(2,7)	2:B:5:GLY:N	1:A:51:GLU:H	5	0.24
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HA	5	0.24
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG2	5	0.24
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG3	5	0.24
(2,7)	2:B:5:GLY:N	1:A:51:GLU:N	5	0.24
(2,7)	2:B:5:GLY:N	1:A:51:GLU:O	5	0.24
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE1	5	0.24
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:10:LYS:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:10:LYS:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG3	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:10:LYS:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:10:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:O	1:A:10:LYS:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:11:TYR:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CB	5	0.24
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CZ	5	0.24
(2,7)	2:B:5:GLY:O	1:A:11:TYR:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HH	5	0.24
(2,7)	2:B:5:GLY:O	1:A:11:TYR:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:11:TYR:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:11:TYR:OH	5	0.24
(2,7)	2:B:5:GLY:O	1:A:12:LYS:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:12:LYS:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG2	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:12:LYS:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:12:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:O	1:A:12:LYS:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:16:LYS:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:16:LYS:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:16:LYS:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:16:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:O	1:A:16:LYS:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:24:LEU:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:24:LEU:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD13	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:24:LEU:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:24:LEU:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:27:GLY:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:27:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:27:GLY:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:27:GLY:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:27:GLY:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CB	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CD	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CZ	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HE	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH11	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH12	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH21	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH22	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NE	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:28:ARG:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:29:TYR:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CB	5	0.24
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD2	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CZ	5	0.24
(2,7)	2:B:5:GLY:O	1:A:29:TYR:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HH	5	0.24
(2,7)	2:B:5:GLY:O	1:A:29:TYR:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:29:TYR:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:29:TYR:OH	5	0.24
(2,7)	2:B:5:GLY:O	1:A:30:GLY:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:30:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:30:GLY:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:30:GLY:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:30:GLY:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:31:LYS:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:31:LYS:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ3	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:31:LYS:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:31:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:O	1:A:31:LYS:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:32:LEU:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:32:LEU:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:32:LEU:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:32:LEU:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:34:HIS:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CB	5	0.24
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CD2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CE1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:34:HIS:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HE1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:34:HIS:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:34:HIS:ND1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:34:HIS:NE2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:34:HIS:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:36:LEU:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CB	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:36:LEU:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:36:LEU:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:36:LEU:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:37:TYR:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CB	5	0.24
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CZ	5	0.24
(2,7)	2:B:5:GLY:O	1:A:37:TYR:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HH	5	0.24
(2,7)	2:B:5:GLY:O	1:A:37:TYR:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:37:TYR:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:37:TYR:OH	5	0.24
(2,7)	2:B:5:GLY:O	1:A:38:ASP:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CB	5	0.24
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:38:ASP:H	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:38:ASP:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:38:ASP:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:39:LEU:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CB	5	0.24
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:39:LEU:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD11	5	0.24
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD12	5	0.24
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD13	5	0.24
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD21	5	0.24
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD22	5	0.24
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD23	5	0.24
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:39:LEU:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:39:LEU:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:40:GLY:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:40:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:40:GLY:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:40:GLY:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:40:GLY:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:41:GLY:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:41:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:41:GLY:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:41:GLY:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:41:GLY:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:42:GLY:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:42:GLY:CA	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:42:GLY:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:42:GLY:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:42:GLY:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:43:LYS:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CB	5	0.24
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CD	5	0.24
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CE	5	0.24
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:43:LYS:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:43:LYS:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:43:LYS:NZ	5	0.24
(2,7)	2:B:5:GLY:O	1:A:43:LYS:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:44:ALA:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CB	5	0.24
(2,7)	2:B:5:GLY:O	1:A:44:ALA:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:44:ALA:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:44:ALA:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:45:GLY:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:45:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:45:GLY:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA3	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:45:GLY:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:45:GLY:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:46:MET:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:46:MET:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:46:MET:CB	5	0.24
(2,7)	2:B:5:GLY:O	1:A:46:MET:CE	5	0.24
(2,7)	2:B:5:GLY:O	1:A:46:MET:CG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:46:MET:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:46:MET:HA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:46:MET:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:46:MET:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:46:MET:SD	5	0.24
(2,7)	2:B:5:GLY:O	1:A:47:GLY:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:47:GLY:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:47:GLY:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:47:GLY:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:47:GLY:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:48:MET:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:48:MET:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:48:MET:CB	5	0.24
(2,7)	2:B:5:GLY:O	1:A:48:MET:CE	5	0.24
(2,7)	2:B:5:GLY:O	1:A:48:MET:CG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:48:MET:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:48:MET:HA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:48:MET:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:48:MET:O	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:48:MET:SD	5	0.24
(2,7)	2:B:5:GLY:O	1:A:50:SER:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:50:SER:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:50:SER:CB	5	0.24
(2,7)	2:B:5:GLY:O	1:A:50:SER:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:50:SER:HA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:50:SER:HG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:50:SER:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:50:SER:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:50:SER:OG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:51:GLU:C	5	0.24
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CB	5	0.24
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CD	5	0.24
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CG	5	0.24
(2,7)	2:B:5:GLY:O	1:A:51:GLU:H	5	0.24
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HA	5	0.24
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG2	5	0.24
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG3	5	0.24
(2,7)	2:B:5:GLY:O	1:A:51:GLU:N	5	0.24
(2,7)	2:B:5:GLY:O	1:A:51:GLU:O	5	0.24
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE1	5	0.24
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE2	5	0.24
(1,8)	1:A:43:LYS:HG3	2:B:4:GLU:HA	7	0.24
(2,7)	2:B:5:GLY:C	1:A:10:LYS:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE3	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CB	11	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CZ	11	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HH	11	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:OH	11	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE2	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD11	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:27:GLY:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:27:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:27:GLY:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:27:GLY:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:27:GLY:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CB	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CD	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CZ	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HE	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH11	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH12	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH21	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH22	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NE	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CB	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CZ	11	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HH	11	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:OH	11	0.22
(2,7)	2:B:5:GLY:C	1:A:30:GLY:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:30:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:30:GLY:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:30:GLY:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:30:GLY:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ1	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CB	11	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CD2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CE1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HE1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:ND1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:NE2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:C	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CB	11	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CZ	11	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HH	11	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:OH	11	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CB	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:40:GLY:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:40:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:40:GLY:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:40:GLY:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:40:GLY:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:41:GLY:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:41:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:41:GLY:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:41:GLY:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:41:GLY:O	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:42:GLY:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:42:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:42:GLY:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:42:GLY:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:42:GLY:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CB	11	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:45:GLY:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:45:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:45:GLY:H	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:45:GLY:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:45:GLY:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:CB	11	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:CE	11	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:CG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:SD	11	0.22
(2,7)	2:B:5:GLY:C	1:A:47:GLY:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:47:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:47:GLY:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:47:GLY:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:47:GLY:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:CB	11	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:CE	11	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:CG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG3	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:48:MET:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:SD	11	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:CB	11	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:HA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:HG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:OG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:C	11	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CB	11	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CD	11	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CG	11	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:H	11	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HA	11	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG3	11	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:N	11	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:O	11	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE1	11	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE2	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CB	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CZ	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HH	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:OH	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD3	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB3	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CB	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CD	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CZ	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HE	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH11	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH12	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH21	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH22	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NE	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CA	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CB	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CZ	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HH	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:OH	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG3	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CB	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CD2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CE1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HE1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:ND1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:NE2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:O	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CB	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CZ	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HH	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:OH	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CA	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CB	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:N	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CB	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:CA	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CB	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CE	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:SD	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CB	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CE	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG2	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:SD	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CB	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:OG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:C	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CB	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CD	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CG	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:H	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HA	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG2	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG3	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:N	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:O	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE1	11	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD3	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CB	11	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CZ	11	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HH	11	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:OH	11	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD2	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB2	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:27:GLY:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:27:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:27:GLY:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:27:GLY:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:27:GLY:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CB	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CD	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CZ	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HE	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH11	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH12	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH21	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH22	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NE	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:C	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CB	11	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CZ	11	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HH	11	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:OH	11	0.22
(2,7)	2:B:5:GLY:H	1:A:30:GLY:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:30:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:30:GLY:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:30:GLY:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:30:GLY:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG2	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CB	11	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CD2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CE1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HE1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:ND1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:NE2	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:34:HIS:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CB	11	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CZ	11	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HH	11	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:OH	11	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:C	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CB	11	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:40:GLY:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:40:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:40:GLY:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:40:GLY:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:40:GLY:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:41:GLY:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:41:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:41:GLY:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA3	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:41:GLY:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:41:GLY:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:42:GLY:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:42:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:42:GLY:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:42:GLY:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:42:GLY:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CB	11	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:45:GLY:C	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:45:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:45:GLY:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:45:GLY:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:45:GLY:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:CB	11	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:CE	11	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:CG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:SD	11	0.22
(2,7)	2:B:5:GLY:H	1:A:47:GLY:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:47:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:47:GLY:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:47:GLY:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:47:GLY:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:CB	11	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:CE	11	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:CG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE3	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:SD	11	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:CB	11	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:HA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:HG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:OG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:C	11	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CB	11	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CD	11	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CG	11	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:H	11	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HA	11	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG2	11	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG3	11	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:N	11	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:O	11	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE1	11	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD2	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CB	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CZ	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HH	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:OH	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB3	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HA	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CB	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CD	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CZ	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HE	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH11	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH12	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH21	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH22	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NE	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:O	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CB	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CZ	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HH	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:OH	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE3	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CB	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CD2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CE1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HE1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:ND1	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:NE2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CB	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CZ	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HH	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:OH	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CB	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA2	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CB	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:O	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CB	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CE	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:SD	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CB	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CE	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE2	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:SD	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CB	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:OG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:C	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CB	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CD	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CG	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:H	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HA	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG2	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG3	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:N	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:O	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE1	11	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB3	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CB	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CZ	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HH	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:OH	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB2	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:H	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CB	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CD	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CZ	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HE	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH11	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH12	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH21	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH22	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NE	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH2	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CB	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CZ	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HH	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:OH	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE2	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CB	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CD2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CE1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HE1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:N	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:ND1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:NE2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CB	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CZ	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HH	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:O	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:OH	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CB	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:H	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CB	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:N	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CB	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CE	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:SD	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CB	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CE	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE1	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:SD	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CB	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:OG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:C	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CB	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CD	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CG	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:H	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HA	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG2	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG3	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:N	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:O	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE1	11	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB2	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CB	11	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CZ	11	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HH	11	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:OH	11	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HA	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CG	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:24:LEU:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:27:GLY:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:27:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:27:GLY:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:27:GLY:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:27:GLY:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CB	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CD	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CZ	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HE	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH11	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH12	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH21	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH22	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NE	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH1	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CB	11	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CZ	11	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HH	11	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:OH	11	0.22
(2,7)	2:B:5:GLY:N	1:A:30:GLY:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:30:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:30:GLY:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:30:GLY:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:30:GLY:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD3	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CB	11	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CD2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CE1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HE1	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:34:HIS:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:ND1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:NE2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CB	11	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CZ	11	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HH	11	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:N	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:37:TYR:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:OH	11	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CB	11	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:40:GLY:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:40:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:40:GLY:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:40:GLY:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:40:GLY:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:41:GLY:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:41:GLY:CA	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:41:GLY:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:41:GLY:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:41:GLY:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:42:GLY:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:42:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:42:GLY:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:42:GLY:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:42:GLY:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CB	11	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB3	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:44:ALA:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:45:GLY:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:45:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:45:GLY:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:45:GLY:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:45:GLY:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:CB	11	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:CE	11	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:CG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:SD	11	0.22
(2,7)	2:B:5:GLY:N	1:A:47:GLY:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:47:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:47:GLY:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:47:GLY:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:47:GLY:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:CB	11	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:CE	11	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:CG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB3	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:SD	11	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:CB	11	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:HA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:HG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:OG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:C	11	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CB	11	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CD	11	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CG	11	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:H	11	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HA	11	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG2	11	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG3	11	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:N	11	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:O	11	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE1	11	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HA	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CB	11	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CZ	11	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HH	11	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:OH	11	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:H	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD2	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:27:GLY:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:27:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:27:GLY:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:27:GLY:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:27:GLY:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CB	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CD	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CZ	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HE	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH11	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH12	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH21	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH22	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NE	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CB	11	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CZ	11	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HH	11	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:OH	11	0.22
(2,7)	2:B:5:GLY:O	1:A:30:GLY:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:30:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:30:GLY:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:30:GLY:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:30:GLY:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD2	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CB	11	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CD2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CE1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD2	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HE1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:ND1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:NE2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CB	11	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CZ	11	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HH	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:37:TYR:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:OH	11	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CB	11	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CB	11	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD11	11	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD12	11	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD13	11	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD21	11	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD22	11	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD23	11	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:40:GLY:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:40:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:40:GLY:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:40:GLY:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:40:GLY:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:41:GLY:C	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:41:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:41:GLY:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:41:GLY:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:41:GLY:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:42:GLY:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:42:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:42:GLY:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:42:GLY:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:42:GLY:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CB	11	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CD	11	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CE	11	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:NZ	11	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CB	11	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB2	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:45:GLY:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:45:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:45:GLY:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:45:GLY:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:45:GLY:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:CB	11	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:CE	11	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:CG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:SD	11	0.22
(2,7)	2:B:5:GLY:O	1:A:47:GLY:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:47:GLY:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:47:GLY:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:47:GLY:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:47:GLY:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:CB	11	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:CE	11	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:CG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB2	11	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:SD	11	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:CB	11	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:HA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:HG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:OG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:C	11	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CB	11	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CD	11	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CG	11	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:H	11	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HA	11	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG2	11	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG3	11	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:N	11	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:O	11	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE1	11	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE2	11	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:H	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CB	13	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CZ	13	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HH	13	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:11:TYR:OH	13	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CG	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:12:LYS:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:C	1:A:12:LYS:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:C	1:A:16:LYS:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD1	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:24:LEU:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:27:GLY:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:27:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:27:GLY:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:27:GLY:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:27:GLY:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CB	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CD	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CZ	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HE	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH11	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH12	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH21	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH22	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:N	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NE	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:28:ARG:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CB	13	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CZ	13	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HH	13	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:29:TYR:OH	13	0.22
(2,7)	2:B:5:GLY:C	1:A:30:GLY:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:30:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:30:GLY:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:30:GLY:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:30:GLY:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB3	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:C	1:A:31:LYS:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:32:LEU:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CB	13	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CD2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CE1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD1	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HE1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:ND1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:NE2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:34:HIS:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:36:LEU:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CB	13	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CZ	13	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE2	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HH	13	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:37:TYR:OH	13	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CB	13	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:39:LEU:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:40:GLY:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:40:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:40:GLY:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:40:GLY:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:40:GLY:O	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:41:GLY:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:41:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:41:GLY:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:41:GLY:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:41:GLY:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:42:GLY:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:42:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:42:GLY:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:42:GLY:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:42:GLY:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:C	1:A:43:LYS:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CB	13	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB1	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:44:ALA:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:45:GLY:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:45:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:45:GLY:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:45:GLY:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:45:GLY:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:CB	13	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:CE	13	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:CG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:46:MET:SD	13	0.22
(2,7)	2:B:5:GLY:C	1:A:47:GLY:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:47:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:47:GLY:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:47:GLY:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:47:GLY:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:CB	13	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:CE	13	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:CG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HA	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:48:MET:SD	13	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:CB	13	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:HA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:HG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:50:SER:OG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:C	13	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CB	13	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CD	13	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CG	13	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:H	13	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HA	13	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG2	13	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG3	13	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:N	13	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:O	13	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE1	13	0.22
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CG	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CB	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CZ	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HH	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:OH	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CE	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CB	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CB	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CD	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CZ	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HE	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH11	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH12	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH21	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH22	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NE	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CB	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CZ	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HH	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:OH	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB2	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CB	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CD2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CE1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB3	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HE1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:ND1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:NE2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CB	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CZ	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE1	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HH	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:OH	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CB	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:N	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CB	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HA	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CB	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CE	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:46:MET:SD	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CB	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CE	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:H	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:48:MET:SD	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CB	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:50:SER:OG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:C	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CB	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CD	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CG	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:H	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HA	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG2	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG3	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:N	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:O	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE1	13	0.22
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CE	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:H	1:A:10:LYS:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CB	13	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CZ	13	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HH	13	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:11:TYR:OH	13	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CD	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:H	1:A:12:LYS:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:H	1:A:16:LYS:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CA	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:24:LEU:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:27:GLY:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:27:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:27:GLY:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:27:GLY:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:27:GLY:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CB	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CD	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CZ	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HE	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH11	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH12	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH21	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH22	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NE	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:28:ARG:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CB	13	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CZ	13	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HH	13	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:29:TYR:OH	13	0.22
(2,7)	2:B:5:GLY:H	1:A:30:GLY:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:30:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:30:GLY:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:30:GLY:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:30:GLY:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HA	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:H	1:A:31:LYS:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:32:LEU:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CB	13	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CD2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CE1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB2	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HE1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:ND1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:NE2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:34:HIS:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:36:LEU:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CB	13	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CZ	13	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD2	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HH	13	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:37:TYR:OH	13	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CB	13	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:39:LEU:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:40:GLY:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:40:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:40:GLY:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA3	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:40:GLY:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:40:GLY:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:41:GLY:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:41:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:41:GLY:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:41:GLY:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:41:GLY:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:42:GLY:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:42:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:42:GLY:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:42:GLY:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:42:GLY:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:H	1:A:43:LYS:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CB	13	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:H	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:44:ALA:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:45:GLY:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:45:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:45:GLY:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:45:GLY:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:45:GLY:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:CB	13	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:CE	13	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:CG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:46:MET:SD	13	0.22
(2,7)	2:B:5:GLY:H	1:A:47:GLY:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:47:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:47:GLY:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:47:GLY:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:47:GLY:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:CB	13	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:CE	13	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:CG	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:48:MET:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:48:MET:SD	13	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:CB	13	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:HA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:HG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:50:SER:OG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:C	13	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CB	13	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CD	13	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CG	13	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:H	13	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HA	13	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG2	13	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG3	13	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:N	13	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:O	13	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE1	13	0.22
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CD	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CB	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CZ	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HH	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:OH	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CB	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:C	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CB	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CD	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CZ	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HE	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH11	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH12	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH21	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH22	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NE	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CB	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CZ	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HH	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:OH	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:H	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CB	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CD2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CE1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HA	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HE1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:ND1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:NE2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CB	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CZ	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD1	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HH	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:OH	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CB	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA2	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CB	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CB	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CE	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:SD	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CB	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CE	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:SD	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CB	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:OG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:C	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CB	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CD	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CG	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:H	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HA	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG2	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG3	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:N	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:O	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE1	13	0.22
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CB	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CB	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CZ	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HH	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:OH	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CA	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:O	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CB	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CD	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CZ	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HE	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH11	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH12	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH21	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH22	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NE	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CB	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CZ	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HH	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:OH	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CG	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CB	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CD2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CE1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:H	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HE1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:ND1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:NE2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CB	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CZ	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB3	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HH	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:OH	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CB	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:H	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CA	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CB	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CB	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CE	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:SD	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CB	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CE	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:SD	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CB	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:OG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:C	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CB	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CD	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CG	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:H	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HA	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG2	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG3	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:N	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:O	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE1	13	0.22
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CA	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:N	1:A:10:LYS:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CB	13	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CZ	13	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HH	13	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:11:TYR:OH	13	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:C	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:N	1:A:12:LYS:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:16:LYS:NZ	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:16:LYS:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:24:LEU:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:27:GLY:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:27:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:27:GLY:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:27:GLY:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:27:GLY:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CB	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CD	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CZ	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HE	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG3	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH11	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH12	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH21	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH22	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NE	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:28:ARG:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CB	13	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CZ	13	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HH	13	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:29:TYR:OH	13	0.22
(2,7)	2:B:5:GLY:N	1:A:30:GLY:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:30:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:30:GLY:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:30:GLY:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:30:GLY:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CE	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:N	1:A:31:LYS:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:32:LEU:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CB	13	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CD2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CE1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CG	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:34:HIS:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HE1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:ND1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:NE2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:34:HIS:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:36:LEU:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CB	13	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CZ	13	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB2	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HH	13	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:37:TYR:OH	13	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CB	13	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:39:LEU:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:40:GLY:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:40:GLY:CA	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:40:GLY:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:40:GLY:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:40:GLY:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:41:GLY:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:41:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:41:GLY:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:41:GLY:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:41:GLY:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:42:GLY:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:42:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:42:GLY:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:42:GLY:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:42:GLY:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:N	1:A:43:LYS:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:C	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CB	13	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:44:ALA:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:45:GLY:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:45:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:45:GLY:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:45:GLY:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:45:GLY:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:CB	13	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:CE	13	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:CG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:46:MET:SD	13	0.22
(2,7)	2:B:5:GLY:N	1:A:47:GLY:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:47:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:47:GLY:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:47:GLY:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:47:GLY:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:CA	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:48:MET:CB	13	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:CE	13	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:CG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:48:MET:SD	13	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:CB	13	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:HA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:HG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:50:SER:OG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:C	13	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CB	13	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CD	13	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CG	13	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:H	13	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HA	13	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG2	13	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG3	13	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:N	13	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:O	13	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE1	13	0.22
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:C	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:O	1:A:10:LYS:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CB	13	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CZ	13	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HH	13	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:11:TYR:OH	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:12:LYS:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:O	1:A:12:LYS:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:N	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:16:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:O	1:A:16:LYS:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:24:LEU:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:27:GLY:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:27:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:27:GLY:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:27:GLY:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:27:GLY:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CB	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CD	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CZ	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HE	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG2	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH11	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH12	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH21	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH22	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NE	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:28:ARG:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CB	13	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CZ	13	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HH	13	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:29:TYR:OH	13	0.22
(2,7)	2:B:5:GLY:O	1:A:30:GLY:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:30:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:30:GLY:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:30:GLY:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:30:GLY:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CD	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:O	1:A:31:LYS:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:32:LEU:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CB	13	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CD2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CE1	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HE1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:ND1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:NE2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:34:HIS:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:36:LEU:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CB	13	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CZ	13	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HA	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HH	13	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:37:TYR:OH	13	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CB	13	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CB	13	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD11	13	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD12	13	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD13	13	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD21	13	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD22	13	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD23	13	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:39:LEU:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:40:GLY:C	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:40:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:40:GLY:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:40:GLY:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:40:GLY:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:41:GLY:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:41:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:41:GLY:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:41:GLY:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:41:GLY:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:42:GLY:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:42:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:42:GLY:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:42:GLY:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:42:GLY:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CB	13	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CD	13	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CE	13	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:NZ	13	0.22
(2,7)	2:B:5:GLY:O	1:A:43:LYS:O	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:44:ALA:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CB	13	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:44:ALA:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:45:GLY:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:45:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:45:GLY:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:45:GLY:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:45:GLY:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:CB	13	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:CE	13	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:CG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:46:MET:SD	13	0.22
(2,7)	2:B:5:GLY:O	1:A:47:GLY:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:47:GLY:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:47:GLY:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:47:GLY:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:47:GLY:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:C	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:48:MET:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:CB	13	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:CE	13	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:CG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:48:MET:SD	13	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:CB	13	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:HA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:HG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:50:SER:OG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:C	13	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CB	13	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CD	13	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CG	13	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:H	13	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HA	13	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG2	13	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG3	13	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:N	13	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:O	13	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE1	13	0.22
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE2	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,29)	1:A:11:TYR:HD1	2:B:8:GLU:HG2	20	0.22
(1,29)	1:A:11:TYR:HD1	2:B:8:GLU:HG3	20	0.22
(1,29)	1:A:11:TYR:HD2	2:B:8:GLU:HG2	20	0.22
(1,29)	1:A:11:TYR:HD2	2:B:8:GLU:HG3	20	0.22
(2,7)	2:B:5:GLY:C	1:A:10:LYS:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:10:LYS:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:10:LYS:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:10:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:C	1:A:10:LYS:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:11:TYR:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CB	3	0.19
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CZ	3	0.19
(2,7)	2:B:5:GLY:C	1:A:11:TYR:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE1	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HH	3	0.19
(2,7)	2:B:5:GLY:C	1:A:11:TYR:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:11:TYR:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:11:TYR:OH	3	0.19
(2,7)	2:B:5:GLY:C	1:A:12:LYS:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:12:LYS:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:12:LYS:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:12:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:C	1:A:12:LYS:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:16:LYS:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:16:LYS:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG2	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:16:LYS:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:16:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:C	1:A:16:LYS:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:24:LEU:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:24:LEU:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:24:LEU:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:24:LEU:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:27:GLY:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:27:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:27:GLY:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:27:GLY:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:27:GLY:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CB	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CD	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CZ	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB2	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HE	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH11	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH12	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH21	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH22	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NE	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:28:ARG:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:29:TYR:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CB	3	0.19
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CZ	3	0.19
(2,7)	2:B:5:GLY:C	1:A:29:TYR:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HH	3	0.19
(2,7)	2:B:5:GLY:C	1:A:29:TYR:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:29:TYR:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:29:TYR:OH	3	0.19
(2,7)	2:B:5:GLY:C	1:A:30:GLY:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:30:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:30:GLY:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:30:GLY:N	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:30:GLY:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:31:LYS:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:31:LYS:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:31:LYS:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:31:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:C	1:A:31:LYS:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:32:LEU:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:32:LEU:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:32:LEU:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:32:LEU:O	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:34:HIS:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CB	3	0.19
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CD2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CE1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:34:HIS:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HE1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:34:HIS:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:34:HIS:ND1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:34:HIS:NE2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:34:HIS:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:36:LEU:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:36:LEU:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:36:LEU:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:36:LEU:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:37:TYR:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CB	3	0.19
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE1	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CZ	3	0.19
(2,7)	2:B:5:GLY:C	1:A:37:TYR:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HH	3	0.19
(2,7)	2:B:5:GLY:C	1:A:37:TYR:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:37:TYR:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:37:TYR:OH	3	0.19
(2,7)	2:B:5:GLY:C	1:A:38:ASP:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CB	3	0.19
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:38:ASP:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:38:ASP:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:38:ASP:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:39:LEU:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:39:LEU:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD22	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:39:LEU:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:39:LEU:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:40:GLY:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:40:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:40:GLY:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:40:GLY:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:40:GLY:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:41:GLY:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:41:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:41:GLY:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:41:GLY:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:41:GLY:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:42:GLY:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:42:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:42:GLY:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:42:GLY:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:42:GLY:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:43:LYS:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:43:LYS:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ1	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:43:LYS:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:43:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:C	1:A:43:LYS:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:44:ALA:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CB	3	0.19
(2,7)	2:B:5:GLY:C	1:A:44:ALA:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:44:ALA:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:44:ALA:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:45:GLY:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:45:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:45:GLY:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:45:GLY:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:45:GLY:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:46:MET:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:46:MET:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:46:MET:CB	3	0.19
(2,7)	2:B:5:GLY:C	1:A:46:MET:CE	3	0.19
(2,7)	2:B:5:GLY:C	1:A:46:MET:CG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:46:MET:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:46:MET:HA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:46:MET:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:46:MET:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:46:MET:SD	3	0.19
(2,7)	2:B:5:GLY:C	1:A:47:GLY:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:47:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:47:GLY:H	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:47:GLY:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:47:GLY:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:48:MET:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:48:MET:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:48:MET:CB	3	0.19
(2,7)	2:B:5:GLY:C	1:A:48:MET:CE	3	0.19
(2,7)	2:B:5:GLY:C	1:A:48:MET:CG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:48:MET:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:48:MET:HA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:48:MET:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:48:MET:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:48:MET:SD	3	0.19
(2,7)	2:B:5:GLY:C	1:A:50:SER:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:50:SER:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:50:SER:CB	3	0.19
(2,7)	2:B:5:GLY:C	1:A:50:SER:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:50:SER:HA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:50:SER:HG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:50:SER:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:50:SER:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:50:SER:OG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:51:GLU:C	3	0.19
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CB	3	0.19
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CD	3	0.19
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CG	3	0.19
(2,7)	2:B:5:GLY:C	1:A:51:GLU:H	3	0.19
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HA	3	0.19
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG2	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG3	3	0.19
(2,7)	2:B:5:GLY:C	1:A:51:GLU:N	3	0.19
(2,7)	2:B:5:GLY:C	1:A:51:GLU:O	3	0.19
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE1	3	0.19
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CB	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CZ	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD2	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HH	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:OH	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE3	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CB	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CD	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CZ	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HA	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HE	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH11	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH12	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH21	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH22	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NE	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CB	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CZ	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HH	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:OH	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA3	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:N	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CB	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CD2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CE1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HE1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:ND1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:NE2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CB	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD2	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CZ	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HH	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:OH	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CB	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD21	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG3	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CB	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:46:MET:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CB	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CE	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:46:MET:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:46:MET:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:46:MET:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:46:MET:SD	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:CA	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:48:MET:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CB	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CE	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:48:MET:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:48:MET:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:48:MET:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:48:MET:SD	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:50:SER:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CB	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:50:SER:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:50:SER:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:50:SER:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:50:SER:OG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:C	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CB	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CD	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CG	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:H	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HA	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB3	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG2	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG3	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:N	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:O	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE1	3	0.19
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:10:LYS:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:10:LYS:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:10:LYS:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:10:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:H	1:A:10:LYS:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:11:TYR:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CB	3	0.19
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CZ	3	0.19
(2,7)	2:B:5:GLY:H	1:A:11:TYR:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD1	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HH	3	0.19
(2,7)	2:B:5:GLY:H	1:A:11:TYR:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:11:TYR:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:11:TYR:OH	3	0.19
(2,7)	2:B:5:GLY:H	1:A:12:LYS:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:12:LYS:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:12:LYS:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:12:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:H	1:A:12:LYS:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:16:LYS:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:16:LYS:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE2	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:16:LYS:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:16:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:H	1:A:16:LYS:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:24:LEU:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:24:LEU:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:24:LEU:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:24:LEU:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:27:GLY:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:27:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:27:GLY:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:27:GLY:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:27:GLY:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CB	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CD	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CZ	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:H	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HE	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH11	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH12	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH21	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH22	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NE	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:28:ARG:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:29:TYR:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CB	3	0.19
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CZ	3	0.19
(2,7)	2:B:5:GLY:H	1:A:29:TYR:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HH	3	0.19
(2,7)	2:B:5:GLY:H	1:A:29:TYR:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:29:TYR:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:29:TYR:OH	3	0.19
(2,7)	2:B:5:GLY:H	1:A:30:GLY:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:30:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:30:GLY:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA2	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:30:GLY:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:30:GLY:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:31:LYS:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:31:LYS:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:31:LYS:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:31:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:H	1:A:31:LYS:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:32:LEU:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:32:LEU:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HG	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:32:LEU:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:32:LEU:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:34:HIS:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CB	3	0.19
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CD2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CE1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:34:HIS:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HE1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:34:HIS:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:34:HIS:ND1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:34:HIS:NE2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:34:HIS:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:36:LEU:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:36:LEU:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:36:LEU:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:36:LEU:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:37:TYR:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CB	3	0.19
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD1	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CZ	3	0.19
(2,7)	2:B:5:GLY:H	1:A:37:TYR:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HH	3	0.19
(2,7)	2:B:5:GLY:H	1:A:37:TYR:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:37:TYR:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:37:TYR:OH	3	0.19
(2,7)	2:B:5:GLY:H	1:A:38:ASP:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CB	3	0.19
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:38:ASP:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:38:ASP:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:38:ASP:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:39:LEU:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:39:LEU:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD13	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:39:LEU:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:39:LEU:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:40:GLY:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:40:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:40:GLY:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:40:GLY:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:40:GLY:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:41:GLY:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:41:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:41:GLY:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:41:GLY:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:41:GLY:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:42:GLY:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:42:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:42:GLY:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:42:GLY:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:42:GLY:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:43:LYS:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:43:LYS:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG2	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:43:LYS:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:43:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:H	1:A:43:LYS:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:44:ALA:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CB	3	0.19
(2,7)	2:B:5:GLY:H	1:A:44:ALA:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:44:ALA:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:44:ALA:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:45:GLY:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:45:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:45:GLY:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:45:GLY:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:45:GLY:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:46:MET:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:46:MET:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:46:MET:CB	3	0.19
(2,7)	2:B:5:GLY:H	1:A:46:MET:CE	3	0.19
(2,7)	2:B:5:GLY:H	1:A:46:MET:CG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:46:MET:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:46:MET:HA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:46:MET:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:46:MET:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:46:MET:SD	3	0.19
(2,7)	2:B:5:GLY:H	1:A:47:GLY:C	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:47:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:47:GLY:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:47:GLY:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:47:GLY:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:48:MET:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:48:MET:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:48:MET:CB	3	0.19
(2,7)	2:B:5:GLY:H	1:A:48:MET:CE	3	0.19
(2,7)	2:B:5:GLY:H	1:A:48:MET:CG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:48:MET:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:48:MET:HA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:48:MET:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:48:MET:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:48:MET:SD	3	0.19
(2,7)	2:B:5:GLY:H	1:A:50:SER:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:50:SER:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:50:SER:CB	3	0.19
(2,7)	2:B:5:GLY:H	1:A:50:SER:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:50:SER:HA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:50:SER:HG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:50:SER:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:50:SER:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:50:SER:OG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:51:GLU:C	3	0.19
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CB	3	0.19
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CD	3	0.19
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CG	3	0.19
(2,7)	2:B:5:GLY:H	1:A:51:GLU:H	3	0.19
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HA	3	0.19
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB2	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG2	3	0.19
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG3	3	0.19
(2,7)	2:B:5:GLY:H	1:A:51:GLU:N	3	0.19
(2,7)	2:B:5:GLY:H	1:A:51:GLU:O	3	0.19
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE1	3	0.19
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CB	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CZ	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB3	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HH	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:OH	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD3	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CB	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CD	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CZ	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HE	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH11	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH12	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH21	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH22	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NE	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CB	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CZ	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HH	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:OH	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:H	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD23	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CB	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CD2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CE1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HE1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:ND1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:NE2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CB	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CZ	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HH	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:OH	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CB	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD12	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE3	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CB	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CB	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CE	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:SD	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CB	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CE	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:SD	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CB	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:OG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:C	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CA	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CB	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CD	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CG	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:H	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HA	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG2	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG3	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:N	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:O	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE1	3	0.19
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CB	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CZ	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB2	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HH	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:OH	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD2	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CB	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CD	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CG	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CZ	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HE	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH11	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH12	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH21	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH22	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NE	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CB	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CZ	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HH	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:OH	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:CA	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD22	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CB	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CD2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CE1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HE1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:ND1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:NE2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CA	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CB	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CZ	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HH	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:OH	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CB	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD11	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE2	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CB	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CB	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CE	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:O	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:SD	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CB	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CE	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:SD	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CB	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:H	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:OG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:C	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CB	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CD	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CG	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:H	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HA	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG2	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG3	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:N	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:O	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE1	3	0.19
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:10:LYS:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:10:LYS:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:10:LYS:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:10:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:N	1:A:10:LYS:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:11:TYR:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CB	3	0.19
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CZ	3	0.19
(2,7)	2:B:5:GLY:N	1:A:11:TYR:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HA	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HH	3	0.19
(2,7)	2:B:5:GLY:N	1:A:11:TYR:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:11:TYR:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:11:TYR:OH	3	0.19
(2,7)	2:B:5:GLY:N	1:A:12:LYS:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:12:LYS:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:12:LYS:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:12:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:N	1:A:12:LYS:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:16:LYS:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:16:LYS:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB3	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:16:LYS:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:16:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:N	1:A:16:LYS:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:24:LEU:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:24:LEU:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:24:LEU:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:24:LEU:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:27:GLY:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:27:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:27:GLY:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:27:GLY:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:27:GLY:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CB	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CD	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CZ	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HE	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH11	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH12	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH21	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH22	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NE	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:28:ARG:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:29:TYR:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CB	3	0.19
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CZ	3	0.19
(2,7)	2:B:5:GLY:N	1:A:29:TYR:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HH	3	0.19
(2,7)	2:B:5:GLY:N	1:A:29:TYR:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:29:TYR:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:29:TYR:OH	3	0.19
(2,7)	2:B:5:GLY:N	1:A:30:GLY:C	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:30:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:30:GLY:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:30:GLY:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:30:GLY:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:31:LYS:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:31:LYS:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:31:LYS:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:31:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:N	1:A:31:LYS:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:32:LEU:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:32:LEU:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD21	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:32:LEU:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:32:LEU:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:34:HIS:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CB	3	0.19
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CD2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CE1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:34:HIS:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HE1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:34:HIS:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:34:HIS:ND1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:34:HIS:NE2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:34:HIS:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:36:LEU:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:36:LEU:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:36:LEU:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:36:LEU:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:37:TYR:C	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CB	3	0.19
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CZ	3	0.19
(2,7)	2:B:5:GLY:N	1:A:37:TYR:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HH	3	0.19
(2,7)	2:B:5:GLY:N	1:A:37:TYR:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:37:TYR:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:37:TYR:OH	3	0.19
(2,7)	2:B:5:GLY:N	1:A:38:ASP:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CB	3	0.19
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:38:ASP:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:38:ASP:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:38:ASP:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:39:LEU:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:39:LEU:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB3	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:39:LEU:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:39:LEU:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:40:GLY:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:40:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:40:GLY:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:40:GLY:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:40:GLY:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:41:GLY:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:41:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:41:GLY:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:41:GLY:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:41:GLY:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:42:GLY:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:42:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:42:GLY:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:42:GLY:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:42:GLY:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:43:LYS:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:43:LYS:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD3	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:43:LYS:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:43:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:N	1:A:43:LYS:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:44:ALA:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CB	3	0.19
(2,7)	2:B:5:GLY:N	1:A:44:ALA:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:44:ALA:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:44:ALA:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:45:GLY:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:45:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:45:GLY:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:45:GLY:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:45:GLY:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:46:MET:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:46:MET:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:46:MET:CB	3	0.19
(2,7)	2:B:5:GLY:N	1:A:46:MET:CE	3	0.19
(2,7)	2:B:5:GLY:N	1:A:46:MET:CG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:46:MET:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:46:MET:HA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:46:MET:N	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:46:MET:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:46:MET:SD	3	0.19
(2,7)	2:B:5:GLY:N	1:A:47:GLY:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:47:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:47:GLY:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:47:GLY:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:47:GLY:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:48:MET:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:48:MET:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:48:MET:CB	3	0.19
(2,7)	2:B:5:GLY:N	1:A:48:MET:CE	3	0.19
(2,7)	2:B:5:GLY:N	1:A:48:MET:CG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:48:MET:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:48:MET:HA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:48:MET:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:48:MET:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:48:MET:SD	3	0.19
(2,7)	2:B:5:GLY:N	1:A:50:SER:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:50:SER:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:50:SER:CB	3	0.19
(2,7)	2:B:5:GLY:N	1:A:50:SER:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:50:SER:HA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:50:SER:HG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:50:SER:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:50:SER:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:50:SER:OG	3	0.19
(2,7)	2:B:5:GLY:N	1:A:51:GLU:C	3	0.19
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CB	3	0.19
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CD	3	0.19
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CG	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:51:GLU:H	3	0.19
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HA	3	0.19
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG2	3	0.19
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG3	3	0.19
(2,7)	2:B:5:GLY:N	1:A:51:GLU:N	3	0.19
(2,7)	2:B:5:GLY:N	1:A:51:GLU:O	3	0.19
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE1	3	0.19
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:10:LYS:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:10:LYS:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:10:LYS:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:10:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:O	1:A:10:LYS:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:11:TYR:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CB	3	0.19
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CZ	3	0.19
(2,7)	2:B:5:GLY:O	1:A:11:TYR:H	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HH	3	0.19
(2,7)	2:B:5:GLY:O	1:A:11:TYR:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:11:TYR:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:11:TYR:OH	3	0.19
(2,7)	2:B:5:GLY:O	1:A:12:LYS:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:12:LYS:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:12:LYS:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:12:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:O	1:A:12:LYS:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:16:LYS:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:16:LYS:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB2	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:16:LYS:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:16:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:O	1:A:16:LYS:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:24:LEU:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:24:LEU:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:24:LEU:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:24:LEU:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:27:GLY:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:27:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:27:GLY:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:27:GLY:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:27:GLY:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CB	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CD	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CZ	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HE	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH11	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH12	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH21	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH22	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NE	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:28:ARG:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:29:TYR:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CB	3	0.19
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CZ	3	0.19
(2,7)	2:B:5:GLY:O	1:A:29:TYR:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HH	3	0.19
(2,7)	2:B:5:GLY:O	1:A:29:TYR:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:29:TYR:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:29:TYR:OH	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:30:GLY:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:30:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:30:GLY:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:30:GLY:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:30:GLY:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:31:LYS:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:31:LYS:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:31:LYS:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:31:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:O	1:A:31:LYS:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:32:LEU:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:32:LEU:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD13	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:32:LEU:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:32:LEU:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:34:HIS:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CB	3	0.19
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CD2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CE1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:34:HIS:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HE1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:34:HIS:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:34:HIS:ND1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:34:HIS:NE2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:34:HIS:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:36:LEU:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:36:LEU:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:36:LEU:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:36:LEU:O	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:37:TYR:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CB	3	0.19
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CZ	3	0.19
(2,7)	2:B:5:GLY:O	1:A:37:TYR:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HH	3	0.19
(2,7)	2:B:5:GLY:O	1:A:37:TYR:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:37:TYR:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:37:TYR:OH	3	0.19
(2,7)	2:B:5:GLY:O	1:A:38:ASP:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CB	3	0.19
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:38:ASP:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:38:ASP:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:38:ASP:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:39:LEU:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CB	3	0.19
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:39:LEU:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB2	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD11	3	0.19
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD12	3	0.19
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD13	3	0.19
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD21	3	0.19
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD22	3	0.19
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD23	3	0.19
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:39:LEU:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:39:LEU:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:40:GLY:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:40:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:40:GLY:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:40:GLY:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:40:GLY:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:41:GLY:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:41:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:41:GLY:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:41:GLY:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:41:GLY:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:42:GLY:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:42:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:42:GLY:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:42:GLY:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:42:GLY:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:43:LYS:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CB	3	0.19
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CD	3	0.19
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CE	3	0.19
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:43:LYS:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD2	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:43:LYS:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:43:LYS:NZ	3	0.19
(2,7)	2:B:5:GLY:O	1:A:43:LYS:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:44:ALA:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CB	3	0.19
(2,7)	2:B:5:GLY:O	1:A:44:ALA:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:44:ALA:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:44:ALA:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:45:GLY:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:45:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:45:GLY:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:45:GLY:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:45:GLY:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:46:MET:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:46:MET:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:46:MET:CB	3	0.19
(2,7)	2:B:5:GLY:O	1:A:46:MET:CE	3	0.19
(2,7)	2:B:5:GLY:O	1:A:46:MET:CG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:46:MET:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:46:MET:HA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG3	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:46:MET:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:46:MET:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:46:MET:SD	3	0.19
(2,7)	2:B:5:GLY:O	1:A:47:GLY:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:47:GLY:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:47:GLY:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:47:GLY:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:47:GLY:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:48:MET:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:48:MET:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:48:MET:CB	3	0.19
(2,7)	2:B:5:GLY:O	1:A:48:MET:CE	3	0.19
(2,7)	2:B:5:GLY:O	1:A:48:MET:CG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:48:MET:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:48:MET:HA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:48:MET:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:48:MET:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:48:MET:SD	3	0.19
(2,7)	2:B:5:GLY:O	1:A:50:SER:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:50:SER:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:50:SER:CB	3	0.19
(2,7)	2:B:5:GLY:O	1:A:50:SER:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:50:SER:HA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:50:SER:HG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:50:SER:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:50:SER:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:50:SER:OG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:51:GLU:C	3	0.19
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CB	3	0.19
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CD	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CG	3	0.19
(2,7)	2:B:5:GLY:O	1:A:51:GLU:H	3	0.19
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HA	3	0.19
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG2	3	0.19
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG3	3	0.19
(2,7)	2:B:5:GLY:O	1:A:51:GLU:N	3	0.19
(2,7)	2:B:5:GLY:O	1:A:51:GLU:O	3	0.19
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE1	3	0.19
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE2	3	0.19
(2,7)	2:B:5:GLY:C	1:A:10:LYS:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:10:LYS:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:10:LYS:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:10:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:C	1:A:10:LYS:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:11:TYR:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CB	6	0.18
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CZ	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:11:TYR:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HH	6	0.18
(2,7)	2:B:5:GLY:C	1:A:11:TYR:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:11:TYR:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:11:TYR:OH	6	0.18
(2,7)	2:B:5:GLY:C	1:A:12:LYS:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:12:LYS:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:12:LYS:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:12:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:C	1:A:12:LYS:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:16:LYS:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:16:LYS:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HA	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:16:LYS:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:16:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:C	1:A:16:LYS:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:24:LEU:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:24:LEU:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:24:LEU:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:24:LEU:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:27:GLY:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:27:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:27:GLY:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:27:GLY:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:27:GLY:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CA	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CB	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CD	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CZ	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HE	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH11	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH12	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH21	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH22	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NE	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:28:ARG:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:29:TYR:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CB	6	0.18
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CZ	6	0.18
(2,7)	2:B:5:GLY:C	1:A:29:TYR:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HH	6	0.18
(2,7)	2:B:5:GLY:C	1:A:29:TYR:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:29:TYR:O	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:29:TYR:OH	6	0.18
(2,7)	2:B:5:GLY:C	1:A:30:GLY:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:30:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:30:GLY:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:30:GLY:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:30:GLY:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:31:LYS:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:31:LYS:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:31:LYS:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:31:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:C	1:A:31:LYS:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:32:LEU:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:32:LEU:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD12	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:32:LEU:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:32:LEU:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:34:HIS:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CB	6	0.18
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CD2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CE1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:34:HIS:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HE1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:34:HIS:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:34:HIS:ND1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:34:HIS:NE2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:34:HIS:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:36:LEU:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:36:LEU:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:36:LEU:N	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:36:LEU:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:37:TYR:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CB	6	0.18
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CZ	6	0.18
(2,7)	2:B:5:GLY:C	1:A:37:TYR:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HH	6	0.18
(2,7)	2:B:5:GLY:C	1:A:37:TYR:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:37:TYR:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:37:TYR:OH	6	0.18
(2,7)	2:B:5:GLY:C	1:A:38:ASP:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CB	6	0.18
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:38:ASP:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:38:ASP:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:38:ASP:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:39:LEU:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:39:LEU:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HA	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:39:LEU:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:39:LEU:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:40:GLY:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:40:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:40:GLY:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:40:GLY:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:40:GLY:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:41:GLY:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:41:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:41:GLY:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:41:GLY:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:41:GLY:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:42:GLY:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:42:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:42:GLY:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:42:GLY:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:42:GLY:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:43:LYS:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:43:LYS:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB3	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:43:LYS:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:43:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:C	1:A:43:LYS:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:44:ALA:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CB	6	0.18
(2,7)	2:B:5:GLY:C	1:A:44:ALA:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:44:ALA:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:44:ALA:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:45:GLY:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:45:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:45:GLY:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:45:GLY:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:45:GLY:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:46:MET:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:46:MET:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:46:MET:CB	6	0.18
(2,7)	2:B:5:GLY:C	1:A:46:MET:CE	6	0.18
(2,7)	2:B:5:GLY:C	1:A:46:MET:CG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:46:MET:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:46:MET:HA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG2	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:46:MET:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:46:MET:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:46:MET:SD	6	0.18
(2,7)	2:B:5:GLY:C	1:A:47:GLY:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:47:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:47:GLY:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:47:GLY:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:47:GLY:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:48:MET:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:48:MET:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:48:MET:CB	6	0.18
(2,7)	2:B:5:GLY:C	1:A:48:MET:CE	6	0.18
(2,7)	2:B:5:GLY:C	1:A:48:MET:CG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:48:MET:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:48:MET:HA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:48:MET:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:48:MET:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:48:MET:SD	6	0.18
(2,7)	2:B:5:GLY:C	1:A:50:SER:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:50:SER:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:50:SER:CB	6	0.18
(2,7)	2:B:5:GLY:C	1:A:50:SER:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:50:SER:HA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:50:SER:HG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:50:SER:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:50:SER:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:50:SER:OG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:51:GLU:C	6	0.18
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CB	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CD	6	0.18
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CG	6	0.18
(2,7)	2:B:5:GLY:C	1:A:51:GLU:H	6	0.18
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HA	6	0.18
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG2	6	0.18
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG3	6	0.18
(2,7)	2:B:5:GLY:C	1:A:51:GLU:N	6	0.18
(2,7)	2:B:5:GLY:C	1:A:51:GLU:O	6	0.18
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE1	6	0.18
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CB	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CG	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CZ	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HH	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:OH	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:H	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:C	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CB	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CD	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CG	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CZ	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HE	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH11	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH12	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH21	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH22	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NE	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CB	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CG	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CZ	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HH	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:N	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:OH	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD11	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CB	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CD2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CE1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CG	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HE1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:ND1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:NE2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HG	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CB	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CG	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CZ	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HH	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:OH	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CB	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CG	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:H	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB2	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CB	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:46:MET:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CB	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CE	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CG	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:46:MET:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE3	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:46:MET:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:46:MET:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:46:MET:SD	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:48:MET:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CB	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CE	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CG	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:48:MET:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:48:MET:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:48:MET:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:48:MET:SD	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:50:SER:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CB	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:50:SER:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HG	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:50:SER:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:50:SER:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:50:SER:OG	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:C	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CA	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CB	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CD	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CG	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:H	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HA	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG2	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG3	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:N	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:O	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE1	6	0.18
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:10:LYS:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:H	1:A:10:LYS:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:10:LYS:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:10:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:H	1:A:10:LYS:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:11:TYR:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CB	6	0.18
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE2	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CG	6	0.18
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CZ	6	0.18
(2,7)	2:B:5:GLY:H	1:A:11:TYR:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HH	6	0.18
(2,7)	2:B:5:GLY:H	1:A:11:TYR:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:11:TYR:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:11:TYR:OH	6	0.18
(2,7)	2:B:5:GLY:H	1:A:12:LYS:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:H	1:A:12:LYS:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:12:LYS:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:12:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:H	1:A:12:LYS:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:16:LYS:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CG	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:16:LYS:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:16:LYS:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:16:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:H	1:A:16:LYS:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:24:LEU:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:H	1:A:24:LEU:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:H	1:A:24:LEU:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:24:LEU:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:27:GLY:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:27:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:27:GLY:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:27:GLY:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:27:GLY:O	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:28:ARG:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CB	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CD	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CG	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CZ	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HE	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH11	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH12	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH21	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH22	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NE	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:28:ARG:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:29:TYR:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CB	6	0.18
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CG	6	0.18
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CZ	6	0.18
(2,7)	2:B:5:GLY:H	1:A:29:TYR:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HH	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:29:TYR:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:29:TYR:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:29:TYR:OH	6	0.18
(2,7)	2:B:5:GLY:H	1:A:30:GLY:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:30:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:30:GLY:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:30:GLY:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:30:GLY:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:31:LYS:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:H	1:A:31:LYS:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:31:LYS:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:31:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:H	1:A:31:LYS:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:32:LEU:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:H	1:A:32:LEU:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB3	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:H	1:A:32:LEU:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:32:LEU:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:34:HIS:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CB	6	0.18
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CD2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CE1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CG	6	0.18
(2,7)	2:B:5:GLY:H	1:A:34:HIS:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HE1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:34:HIS:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:34:HIS:ND1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:34:HIS:NE2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:34:HIS:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:36:LEU:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:H	1:A:36:LEU:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD23	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:H	1:A:36:LEU:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:36:LEU:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:37:TYR:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CB	6	0.18
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CG	6	0.18
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CZ	6	0.18
(2,7)	2:B:5:GLY:H	1:A:37:TYR:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HH	6	0.18
(2,7)	2:B:5:GLY:H	1:A:37:TYR:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:37:TYR:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:37:TYR:OH	6	0.18
(2,7)	2:B:5:GLY:H	1:A:38:ASP:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CB	6	0.18
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CG	6	0.18
(2,7)	2:B:5:GLY:H	1:A:38:ASP:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:38:ASP:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:38:ASP:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:39:LEU:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CG	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:39:LEU:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:H	1:A:39:LEU:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:39:LEU:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:40:GLY:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:40:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:40:GLY:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:40:GLY:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:40:GLY:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:41:GLY:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:41:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:41:GLY:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:41:GLY:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:41:GLY:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:42:GLY:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:42:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:42:GLY:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:42:GLY:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:42:GLY:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:43:LYS:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:H	1:A:43:LYS:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HA	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:43:LYS:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:43:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:H	1:A:43:LYS:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:44:ALA:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CB	6	0.18
(2,7)	2:B:5:GLY:H	1:A:44:ALA:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:44:ALA:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:44:ALA:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:45:GLY:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:45:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:45:GLY:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:45:GLY:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:45:GLY:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:46:MET:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:46:MET:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:46:MET:CB	6	0.18
(2,7)	2:B:5:GLY:H	1:A:46:MET:CE	6	0.18
(2,7)	2:B:5:GLY:H	1:A:46:MET:CG	6	0.18
(2,7)	2:B:5:GLY:H	1:A:46:MET:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:46:MET:HA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE2	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:46:MET:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:46:MET:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:46:MET:SD	6	0.18
(2,7)	2:B:5:GLY:H	1:A:47:GLY:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:47:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:47:GLY:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:47:GLY:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:47:GLY:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:48:MET:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:48:MET:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:48:MET:CB	6	0.18
(2,7)	2:B:5:GLY:H	1:A:48:MET:CE	6	0.18
(2,7)	2:B:5:GLY:H	1:A:48:MET:CG	6	0.18
(2,7)	2:B:5:GLY:H	1:A:48:MET:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:48:MET:HA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:48:MET:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:48:MET:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:48:MET:SD	6	0.18
(2,7)	2:B:5:GLY:H	1:A:50:SER:C	6	0.18
(2,7)	2:B:5:GLY:H	1:A:50:SER:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:50:SER:CB	6	0.18
(2,7)	2:B:5:GLY:H	1:A:50:SER:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:50:SER:HA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:50:SER:HG	6	0.18
(2,7)	2:B:5:GLY:H	1:A:50:SER:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:50:SER:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:50:SER:OG	6	0.18
(2,7)	2:B:5:GLY:H	1:A:51:GLU:C	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CB	6	0.18
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CD	6	0.18
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CG	6	0.18
(2,7)	2:B:5:GLY:H	1:A:51:GLU:H	6	0.18
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HA	6	0.18
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG2	6	0.18
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG3	6	0.18
(2,7)	2:B:5:GLY:H	1:A:51:GLU:N	6	0.18
(2,7)	2:B:5:GLY:H	1:A:51:GLU:O	6	0.18
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE1	6	0.18
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CB	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE1	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CZ	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HH	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:OH	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CE	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:N	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CB	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CD	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CZ	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HE	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH11	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH12	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH21	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH22	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NE	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CB	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CZ	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE2	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HH	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:OH	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB2	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CB	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CD2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CE1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HE1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:ND1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:NE2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD22	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CB	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CZ	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HH	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:OH	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CB	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD2	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:H	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CB	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CB	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CE	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE1	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:SD	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CB	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CE	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:SD	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CB	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:OG	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:C	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CB	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CD	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CG	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:H	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HA	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG2	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG3	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:N	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:O	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE1	6	0.18
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CB	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD2	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CZ	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HH	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:OH	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CD	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA3	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CB	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CD	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CZ	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HE	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH11	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH12	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH21	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH22	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NE	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CB	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CZ	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE1	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HH	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:OH	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HA	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CB	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CD2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CE1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HE1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:ND1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:NE2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD21	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CB	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CZ	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HH	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:OH	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CB	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD1	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CG	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CB	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CB	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CE	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB3	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:SD	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CB	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CE	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:SD	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CB	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:O	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:OG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:C	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CB	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CD	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CG	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:H	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HA	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG2	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG3	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:N	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:O	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE1	6	0.18
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:10:LYS:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:10:LYS:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:10:LYS:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:10:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:N	1:A:10:LYS:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:11:TYR:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CB	6	0.18
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD1	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CZ	6	0.18
(2,7)	2:B:5:GLY:N	1:A:11:TYR:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HH	6	0.18
(2,7)	2:B:5:GLY:N	1:A:11:TYR:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:11:TYR:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:11:TYR:OH	6	0.18
(2,7)	2:B:5:GLY:N	1:A:12:LYS:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:12:LYS:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:12:LYS:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:12:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:N	1:A:12:LYS:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:16:LYS:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CB	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:16:LYS:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:16:LYS:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:16:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:N	1:A:16:LYS:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:24:LEU:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:24:LEU:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:24:LEU:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:24:LEU:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:27:GLY:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:27:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:27:GLY:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA2	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:27:GLY:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:27:GLY:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CB	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CD	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CZ	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HE	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH11	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH12	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH21	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH22	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NE	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:28:ARG:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:29:TYR:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CB	6	0.18
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CZ	6	0.18
(2,7)	2:B:5:GLY:N	1:A:29:TYR:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD2	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HH	6	0.18
(2,7)	2:B:5:GLY:N	1:A:29:TYR:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:29:TYR:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:29:TYR:OH	6	0.18
(2,7)	2:B:5:GLY:N	1:A:30:GLY:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:30:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:30:GLY:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:30:GLY:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:30:GLY:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:31:LYS:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:31:LYS:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:31:LYS:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:31:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:N	1:A:31:LYS:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:32:LEU:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:32:LEU:H	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:32:LEU:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:32:LEU:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:34:HIS:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CB	6	0.18
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CD2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CE1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:34:HIS:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HE1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:34:HIS:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:34:HIS:ND1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:34:HIS:NE2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:34:HIS:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:36:LEU:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:36:LEU:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD13	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:36:LEU:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:36:LEU:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:37:TYR:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CB	6	0.18
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CZ	6	0.18
(2,7)	2:B:5:GLY:N	1:A:37:TYR:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HH	6	0.18
(2,7)	2:B:5:GLY:N	1:A:37:TYR:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:37:TYR:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:37:TYR:OH	6	0.18
(2,7)	2:B:5:GLY:N	1:A:38:ASP:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CB	6	0.18
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:38:ASP:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:38:ASP:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:38:ASP:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:39:LEU:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CB	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:39:LEU:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:39:LEU:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:39:LEU:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:40:GLY:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:40:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:40:GLY:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:40:GLY:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:40:GLY:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:41:GLY:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:41:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:41:GLY:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:41:GLY:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:41:GLY:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:42:GLY:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:42:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:42:GLY:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:42:GLY:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:42:GLY:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:43:LYS:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CE	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:43:LYS:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:43:LYS:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:43:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:N	1:A:43:LYS:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:44:ALA:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CB	6	0.18
(2,7)	2:B:5:GLY:N	1:A:44:ALA:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:44:ALA:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:44:ALA:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:45:GLY:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:45:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:45:GLY:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:45:GLY:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:45:GLY:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:46:MET:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:46:MET:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:46:MET:CB	6	0.18
(2,7)	2:B:5:GLY:N	1:A:46:MET:CE	6	0.18
(2,7)	2:B:5:GLY:N	1:A:46:MET:CG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:46:MET:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:46:MET:HA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB2	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:46:MET:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:46:MET:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:46:MET:SD	6	0.18
(2,7)	2:B:5:GLY:N	1:A:47:GLY:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:47:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:47:GLY:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:47:GLY:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:47:GLY:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:48:MET:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:48:MET:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:48:MET:CB	6	0.18
(2,7)	2:B:5:GLY:N	1:A:48:MET:CE	6	0.18
(2,7)	2:B:5:GLY:N	1:A:48:MET:CG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:48:MET:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:48:MET:HA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:48:MET:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:48:MET:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:48:MET:SD	6	0.18
(2,7)	2:B:5:GLY:N	1:A:50:SER:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:50:SER:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:50:SER:CB	6	0.18
(2,7)	2:B:5:GLY:N	1:A:50:SER:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:50:SER:HA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:50:SER:HG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:50:SER:N	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:50:SER:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:50:SER:OG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:51:GLU:C	6	0.18
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CB	6	0.18
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CD	6	0.18
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CG	6	0.18
(2,7)	2:B:5:GLY:N	1:A:51:GLU:H	6	0.18
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HA	6	0.18
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG2	6	0.18
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG3	6	0.18
(2,7)	2:B:5:GLY:N	1:A:51:GLU:N	6	0.18
(2,7)	2:B:5:GLY:N	1:A:51:GLU:O	6	0.18
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE1	6	0.18
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:10:LYS:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:O	1:A:10:LYS:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:10:LYS:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:10:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:O	1:A:10:LYS:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:11:TYR:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CB	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CG	6	0.18
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CZ	6	0.18
(2,7)	2:B:5:GLY:O	1:A:11:TYR:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HH	6	0.18
(2,7)	2:B:5:GLY:O	1:A:11:TYR:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:11:TYR:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:11:TYR:OH	6	0.18
(2,7)	2:B:5:GLY:O	1:A:12:LYS:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:O	1:A:12:LYS:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:12:LYS:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:12:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:O	1:A:12:LYS:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:16:LYS:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CA	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:O	1:A:16:LYS:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:16:LYS:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:16:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:O	1:A:16:LYS:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:24:LEU:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:O	1:A:24:LEU:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:O	1:A:24:LEU:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:24:LEU:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:27:GLY:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:27:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:27:GLY:H	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:27:GLY:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:27:GLY:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CB	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CD	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CG	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CZ	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HE	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH11	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH12	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH21	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH22	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NE	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:28:ARG:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:29:TYR:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CB	6	0.18
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CG	6	0.18
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CZ	6	0.18
(2,7)	2:B:5:GLY:O	1:A:29:TYR:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD1	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HH	6	0.18
(2,7)	2:B:5:GLY:O	1:A:29:TYR:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:29:TYR:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:29:TYR:OH	6	0.18
(2,7)	2:B:5:GLY:O	1:A:30:GLY:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:30:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:30:GLY:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:30:GLY:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:30:GLY:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:31:LYS:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CD	6	0.18
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:O	1:A:31:LYS:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:31:LYS:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:31:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:O	1:A:31:LYS:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:32:LEU:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CG	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:32:LEU:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:O	1:A:32:LEU:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:32:LEU:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:34:HIS:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CB	6	0.18
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CD2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CE1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CG	6	0.18
(2,7)	2:B:5:GLY:O	1:A:34:HIS:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HE1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:34:HIS:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:34:HIS:ND1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:34:HIS:NE2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:34:HIS:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:36:LEU:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:O	1:A:36:LEU:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD12	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:O	1:A:36:LEU:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:36:LEU:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:37:TYR:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CB	6	0.18
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CG	6	0.18
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CZ	6	0.18
(2,7)	2:B:5:GLY:O	1:A:37:TYR:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HH	6	0.18
(2,7)	2:B:5:GLY:O	1:A:37:TYR:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:37:TYR:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:37:TYR:OH	6	0.18
(2,7)	2:B:5:GLY:O	1:A:38:ASP:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CB	6	0.18
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CG	6	0.18
(2,7)	2:B:5:GLY:O	1:A:38:ASP:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:38:ASP:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:38:ASP:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:39:LEU:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CA	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CB	6	0.18
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CG	6	0.18
(2,7)	2:B:5:GLY:O	1:A:39:LEU:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD11	6	0.18
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD12	6	0.18
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD13	6	0.18
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD21	6	0.18
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD22	6	0.18
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD23	6	0.18
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HG	6	0.18
(2,7)	2:B:5:GLY:O	1:A:39:LEU:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:39:LEU:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:40:GLY:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:40:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:40:GLY:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:40:GLY:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:40:GLY:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:41:GLY:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:41:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:41:GLY:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:41:GLY:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:41:GLY:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:42:GLY:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:42:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:42:GLY:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:42:GLY:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:42:GLY:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:43:LYS:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CB	6	0.18
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CD	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CE	6	0.18
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CG	6	0.18
(2,7)	2:B:5:GLY:O	1:A:43:LYS:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:43:LYS:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:43:LYS:NZ	6	0.18
(2,7)	2:B:5:GLY:O	1:A:43:LYS:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:44:ALA:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CB	6	0.18
(2,7)	2:B:5:GLY:O	1:A:44:ALA:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:44:ALA:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:44:ALA:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:45:GLY:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:45:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:45:GLY:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:45:GLY:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:45:GLY:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:46:MET:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:46:MET:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:46:MET:CB	6	0.18
(2,7)	2:B:5:GLY:O	1:A:46:MET:CE	6	0.18
(2,7)	2:B:5:GLY:O	1:A:46:MET:CG	6	0.18
(2,7)	2:B:5:GLY:O	1:A:46:MET:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:46:MET:HA	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:46:MET:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:46:MET:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:46:MET:SD	6	0.18
(2,7)	2:B:5:GLY:O	1:A:47:GLY:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:47:GLY:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:47:GLY:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:47:GLY:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:47:GLY:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:48:MET:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:48:MET:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:48:MET:CB	6	0.18
(2,7)	2:B:5:GLY:O	1:A:48:MET:CE	6	0.18
(2,7)	2:B:5:GLY:O	1:A:48:MET:CG	6	0.18
(2,7)	2:B:5:GLY:O	1:A:48:MET:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:48:MET:HA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:48:MET:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:48:MET:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:48:MET:SD	6	0.18
(2,7)	2:B:5:GLY:O	1:A:50:SER:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:50:SER:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:50:SER:CB	6	0.18
(2,7)	2:B:5:GLY:O	1:A:50:SER:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:50:SER:HA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:50:SER:HG	6	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:50:SER:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:50:SER:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:50:SER:OG	6	0.18
(2,7)	2:B:5:GLY:O	1:A:51:GLU:C	6	0.18
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CB	6	0.18
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CD	6	0.18
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CG	6	0.18
(2,7)	2:B:5:GLY:O	1:A:51:GLU:H	6	0.18
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HA	6	0.18
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG2	6	0.18
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG3	6	0.18
(2,7)	2:B:5:GLY:O	1:A:51:GLU:N	6	0.18
(2,7)	2:B:5:GLY:O	1:A:51:GLU:O	6	0.18
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE1	6	0.18
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE2	6	0.18
(2,3)	1:A:44:ALA:C	2:B:3:GLY:C	4	0.18
(2,3)	1:A:44:ALA:C	2:B:3:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:C	2:B:3:GLY:H	4	0.18
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:C	2:B:3:GLY:N	4	0.18
(2,3)	1:A:44:ALA:C	2:B:3:GLY:O	4	0.18
(2,3)	1:A:44:ALA:C	2:B:4:GLU:C	4	0.18
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:C	2:B:4:GLU:H	4	0.18
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:C	2:B:4:GLU:N	4	0.18
(2,3)	1:A:44:ALA:C	2:B:4:GLU:O	4	0.18
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:5:GLY:C	4	0.18
(2,3)	1:A:44:ALA:C	2:B:5:GLY:CA	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:5:GLY:H	4	0.18
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:C	2:B:5:GLY:N	4	0.18
(2,3)	1:A:44:ALA:C	2:B:5:GLY:O	4	0.18
(2,3)	1:A:44:ALA:C	2:B:6:GLU:C	4	0.18
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:C	2:B:6:GLU:H	4	0.18
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:C	2:B:6:GLU:N	4	0.18
(2,3)	1:A:44:ALA:C	2:B:6:GLU:O	4	0.18
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:7:GLU:C	4	0.18
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:C	2:B:7:GLU:H	4	0.18
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:C	2:B:7:GLU:N	4	0.18
(2,3)	1:A:44:ALA:C	2:B:7:GLU:O	4	0.18
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:8:GLU:C	4	0.18
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:C	2:B:8:GLU:H	4	0.18
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HA	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:C	2:B:8:GLU:N	4	0.18
(2,3)	1:A:44:ALA:C	2:B:8:GLU:O	4	0.18
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:9:GLY:C	4	0.18
(2,3)	1:A:44:ALA:C	2:B:9:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:C	2:B:9:GLY:H	4	0.18
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:C	2:B:9:GLY:N	4	0.18
(2,3)	1:A:44:ALA:C	2:B:9:GLY:O	4	0.18
(2,3)	1:A:44:ALA:C	2:B:10:GLU:C	4	0.18
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:C	2:B:10:GLU:H	4	0.18
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:C	2:B:10:GLU:N	4	0.18
(2,3)	1:A:44:ALA:C	2:B:10:GLU:O	4	0.18
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:11:GLU:C	4	0.18
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:C	2:B:11:GLU:H	4	0.18
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:C	2:B:11:GLU:N	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:11:GLU:O	4	0.18
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:12:TYR:C	4	0.18
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CA	4	0.18
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CB	4	0.18
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD1	4	0.18
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE1	4	0.18
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CG	4	0.18
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CZ	4	0.18
(2,3)	1:A:44:ALA:C	2:B:12:TYR:H	4	0.18
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HA	4	0.18
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB3	4	0.18
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD1	4	0.18
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE1	4	0.18
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE2	4	0.18
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HH	4	0.18
(2,3)	1:A:44:ALA:C	2:B:12:TYR:N	4	0.18
(2,3)	1:A:44:ALA:C	2:B:12:TYR:O	4	0.18
(2,3)	1:A:44:ALA:C	2:B:12:TYR:OH	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:C	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:H	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:N	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:O	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:C	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:H	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG3	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:N	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:O	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:C	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:H	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:N	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:O	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:C	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:H	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:N	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:O	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:C	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:H	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:N	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:O	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:C	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:H	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:N	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:O	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:C	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:H	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:N	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:O	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:C	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:H	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:N	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:O	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:C	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:H	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:N	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:O	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:C	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CA	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CB	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD1	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE1	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CG	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CZ	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:H	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HA	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB3	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD1	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE1	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE2	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HH	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:N	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:O	4	0.18
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:OH	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:C	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:H	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:N	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:O	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:C	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CG	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:H	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:N	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:O	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:C	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:H	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:N	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:O	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:C	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:H	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:N	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:O	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:C	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:H	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG2	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:N	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:O	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:C	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:H	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:N	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:O	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:C	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:H	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:N	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:O	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:C	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:H	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:N	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:O	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE2	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:C	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:H	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:N	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:O	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:C	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CA	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CB	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD1	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE1	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CG	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CZ	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:H	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HA	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB3	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD1	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE1	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE2	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HH	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:N	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:O	4	0.18
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:OH	4	0.18
(2,3)	1:A:44:ALA:H	2:B:3:GLY:C	4	0.18
(2,3)	1:A:44:ALA:H	2:B:3:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:H	2:B:3:GLY:H	4	0.18
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:H	2:B:3:GLY:N	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:3:GLY:O	4	0.18
(2,3)	1:A:44:ALA:H	2:B:4:GLU:C	4	0.18
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:H	2:B:4:GLU:H	4	0.18
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:H	2:B:4:GLU:N	4	0.18
(2,3)	1:A:44:ALA:H	2:B:4:GLU:O	4	0.18
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:5:GLY:C	4	0.18
(2,3)	1:A:44:ALA:H	2:B:5:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:H	2:B:5:GLY:H	4	0.18
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:H	2:B:5:GLY:N	4	0.18
(2,3)	1:A:44:ALA:H	2:B:5:GLY:O	4	0.18
(2,3)	1:A:44:ALA:H	2:B:6:GLU:C	4	0.18
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:H	2:B:6:GLU:H	4	0.18
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:H	2:B:6:GLU:N	4	0.18
(2,3)	1:A:44:ALA:H	2:B:6:GLU:O	4	0.18
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:7:GLU:C	4	0.18
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CD	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:H	2:B:7:GLU:H	4	0.18
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:H	2:B:7:GLU:N	4	0.18
(2,3)	1:A:44:ALA:H	2:B:7:GLU:O	4	0.18
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:8:GLU:C	4	0.18
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:H	2:B:8:GLU:H	4	0.18
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:H	2:B:8:GLU:N	4	0.18
(2,3)	1:A:44:ALA:H	2:B:8:GLU:O	4	0.18
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:9:GLY:C	4	0.18
(2,3)	1:A:44:ALA:H	2:B:9:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:H	2:B:9:GLY:H	4	0.18
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:H	2:B:9:GLY:N	4	0.18
(2,3)	1:A:44:ALA:H	2:B:9:GLY:O	4	0.18
(2,3)	1:A:44:ALA:H	2:B:10:GLU:C	4	0.18
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:H	2:B:10:GLU:H	4	0.18
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB3	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:H	2:B:10:GLU:N	4	0.18
(2,3)	1:A:44:ALA:H	2:B:10:GLU:O	4	0.18
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:11:GLU:C	4	0.18
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:H	2:B:11:GLU:H	4	0.18
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:H	2:B:11:GLU:N	4	0.18
(2,3)	1:A:44:ALA:H	2:B:11:GLU:O	4	0.18
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:12:TYR:C	4	0.18
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CA	4	0.18
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CB	4	0.18
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD1	4	0.18
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE1	4	0.18
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CG	4	0.18
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CZ	4	0.18
(2,3)	1:A:44:ALA:H	2:B:12:TYR:H	4	0.18
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HA	4	0.18
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB3	4	0.18
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD1	4	0.18
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE1	4	0.18
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE2	4	0.18
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HH	4	0.18
(2,3)	1:A:44:ALA:H	2:B:12:TYR:N	4	0.18
(2,3)	1:A:44:ALA:H	2:B:12:TYR:O	4	0.18
(2,3)	1:A:44:ALA:H	2:B:12:TYR:OH	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:C	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:H	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:N	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:O	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:O	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:C	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:H	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:N	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:O	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:O	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:O	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:O	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:C	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:H	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:N	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:O	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CB	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:O	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:O	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:C	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CA	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CB	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD1	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE1	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CG	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CZ	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:H	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HA	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB3	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD1	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD2	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE1	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE2	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HH	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:N	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:O	4	0.18
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:OH	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:C	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:H	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:N	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:O	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:O	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:C	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:H	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:N	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:O	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HA	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:O	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:O	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:O	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:C	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:H	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA2	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:N	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:O	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:O	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:O	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:C	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CA	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CB	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD1	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE1	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CG	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CZ	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:H	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HA	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB3	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD1	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE1	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE2	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HH	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:N	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:O	4	0.18
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:OH	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:C	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:H	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:N	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:O	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:O	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:C	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:H	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:N	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:O	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:C	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:O	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:O	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:O	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:C	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:H	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:N	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:O	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:O	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:O	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:C	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CA	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CB	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD1	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE1	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CG	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CZ	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:H	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HA	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB3	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD1	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE1	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE2	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HH	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:N	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:O	4	0.18
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:OH	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:C	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:H	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:N	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:O	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:O	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:C	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:CA	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:H	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:N	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:O	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:O	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:O	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HA	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:O	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:C	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:H	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:N	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:O	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:N	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:O	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:C	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:H	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:N	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:O	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:C	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CA	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CB	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD1	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE1	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CG	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CZ	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:H	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HA	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB3	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD1	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE1	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE2	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HH	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:N	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:O	4	0.18
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:OH	4	0.18
(2,3)	1:A:44:ALA:N	2:B:3:GLY:C	4	0.18
(2,3)	1:A:44:ALA:N	2:B:3:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:N	2:B:3:GLY:H	4	0.18
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:N	2:B:3:GLY:N	4	0.18
(2,3)	1:A:44:ALA:N	2:B:3:GLY:O	4	0.18
(2,3)	1:A:44:ALA:N	2:B:4:GLU:C	4	0.18
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:N	2:B:4:GLU:H	4	0.18
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG3	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:4:GLU:N	4	0.18
(2,3)	1:A:44:ALA:N	2:B:4:GLU:O	4	0.18
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:5:GLY:C	4	0.18
(2,3)	1:A:44:ALA:N	2:B:5:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:N	2:B:5:GLY:H	4	0.18
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:N	2:B:5:GLY:N	4	0.18
(2,3)	1:A:44:ALA:N	2:B:5:GLY:O	4	0.18
(2,3)	1:A:44:ALA:N	2:B:6:GLU:C	4	0.18
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:N	2:B:6:GLU:H	4	0.18
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:N	2:B:6:GLU:N	4	0.18
(2,3)	1:A:44:ALA:N	2:B:6:GLU:O	4	0.18
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:7:GLU:C	4	0.18
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:N	2:B:7:GLU:H	4	0.18
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:N	2:B:7:GLU:N	4	0.18
(2,3)	1:A:44:ALA:N	2:B:7:GLU:O	4	0.18
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:8:GLU:C	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:N	2:B:8:GLU:H	4	0.18
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:N	2:B:8:GLU:N	4	0.18
(2,3)	1:A:44:ALA:N	2:B:8:GLU:O	4	0.18
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:9:GLY:C	4	0.18
(2,3)	1:A:44:ALA:N	2:B:9:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:N	2:B:9:GLY:H	4	0.18
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:N	2:B:9:GLY:N	4	0.18
(2,3)	1:A:44:ALA:N	2:B:9:GLY:O	4	0.18
(2,3)	1:A:44:ALA:N	2:B:10:GLU:C	4	0.18
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:N	2:B:10:GLU:H	4	0.18
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:N	2:B:10:GLU:N	4	0.18
(2,3)	1:A:44:ALA:N	2:B:10:GLU:O	4	0.18
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:11:GLU:C	4	0.18
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:N	2:B:11:GLU:H	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:N	2:B:11:GLU:N	4	0.18
(2,3)	1:A:44:ALA:N	2:B:11:GLU:O	4	0.18
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:12:TYR:C	4	0.18
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CA	4	0.18
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CB	4	0.18
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD1	4	0.18
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE1	4	0.18
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CG	4	0.18
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CZ	4	0.18
(2,3)	1:A:44:ALA:N	2:B:12:TYR:H	4	0.18
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HA	4	0.18
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB3	4	0.18
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD1	4	0.18
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE1	4	0.18
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE2	4	0.18
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HH	4	0.18
(2,3)	1:A:44:ALA:N	2:B:12:TYR:N	4	0.18
(2,3)	1:A:44:ALA:N	2:B:12:TYR:O	4	0.18
(2,3)	1:A:44:ALA:N	2:B:12:TYR:OH	4	0.18
(2,3)	1:A:44:ALA:O	2:B:3:GLY:C	4	0.18
(2,3)	1:A:44:ALA:O	2:B:3:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:O	2:B:3:GLY:H	4	0.18
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:O	2:B:3:GLY:N	4	0.18
(2,3)	1:A:44:ALA:O	2:B:3:GLY:O	4	0.18
(2,3)	1:A:44:ALA:O	2:B:4:GLU:C	4	0.18
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CG	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:4:GLU:H	4	0.18
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:O	2:B:4:GLU:N	4	0.18
(2,3)	1:A:44:ALA:O	2:B:4:GLU:O	4	0.18
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:5:GLY:C	4	0.18
(2,3)	1:A:44:ALA:O	2:B:5:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:O	2:B:5:GLY:H	4	0.18
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:O	2:B:5:GLY:N	4	0.18
(2,3)	1:A:44:ALA:O	2:B:5:GLY:O	4	0.18
(2,3)	1:A:44:ALA:O	2:B:6:GLU:C	4	0.18
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:O	2:B:6:GLU:H	4	0.18
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:O	2:B:6:GLU:N	4	0.18
(2,3)	1:A:44:ALA:O	2:B:6:GLU:O	4	0.18
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:7:GLU:C	4	0.18
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:O	2:B:7:GLU:H	4	0.18
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG2	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:O	2:B:7:GLU:N	4	0.18
(2,3)	1:A:44:ALA:O	2:B:7:GLU:O	4	0.18
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:8:GLU:C	4	0.18
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:O	2:B:8:GLU:H	4	0.18
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:O	2:B:8:GLU:N	4	0.18
(2,3)	1:A:44:ALA:O	2:B:8:GLU:O	4	0.18
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:9:GLY:C	4	0.18
(2,3)	1:A:44:ALA:O	2:B:9:GLY:CA	4	0.18
(2,3)	1:A:44:ALA:O	2:B:9:GLY:H	4	0.18
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA3	4	0.18
(2,3)	1:A:44:ALA:O	2:B:9:GLY:N	4	0.18
(2,3)	1:A:44:ALA:O	2:B:9:GLY:O	4	0.18
(2,3)	1:A:44:ALA:O	2:B:10:GLU:C	4	0.18
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:O	2:B:10:GLU:H	4	0.18
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:O	2:B:10:GLU:N	4	0.18
(2,3)	1:A:44:ALA:O	2:B:10:GLU:O	4	0.18
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE2	4	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:11:GLU:C	4	0.18
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CA	4	0.18
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CB	4	0.18
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CD	4	0.18
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CG	4	0.18
(2,3)	1:A:44:ALA:O	2:B:11:GLU:H	4	0.18
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HA	4	0.18
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB3	4	0.18
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG3	4	0.18
(2,3)	1:A:44:ALA:O	2:B:11:GLU:N	4	0.18
(2,3)	1:A:44:ALA:O	2:B:11:GLU:O	4	0.18
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE1	4	0.18
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:12:TYR:C	4	0.18
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CA	4	0.18
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CB	4	0.18
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD1	4	0.18
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE1	4	0.18
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CG	4	0.18
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CZ	4	0.18
(2,3)	1:A:44:ALA:O	2:B:12:TYR:H	4	0.18
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HA	4	0.18
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB3	4	0.18
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD1	4	0.18
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE1	4	0.18
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE2	4	0.18
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HH	4	0.18
(2,3)	1:A:44:ALA:O	2:B:12:TYR:N	4	0.18
(2,3)	1:A:44:ALA:O	2:B:12:TYR:O	4	0.18
(2,3)	1:A:44:ALA:O	2:B:12:TYR:OH	4	0.18
(2,7)	2:B:5:GLY:C	1:A:10:LYS:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CG	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:10:LYS:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:10:LYS:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:10:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:C	1:A:10:LYS:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:11:TYR:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CB	19	0.17
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CZ	19	0.17
(2,7)	2:B:5:GLY:C	1:A:11:TYR:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HH	19	0.17
(2,7)	2:B:5:GLY:C	1:A:11:TYR:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:11:TYR:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:11:TYR:OH	19	0.17
(2,7)	2:B:5:GLY:C	1:A:12:LYS:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CE	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:12:LYS:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:12:LYS:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:12:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:C	1:A:12:LYS:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:16:LYS:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:16:LYS:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:16:LYS:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:16:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:C	1:A:16:LYS:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:24:LEU:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CB	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:24:LEU:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:24:LEU:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:24:LEU:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:27:GLY:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:27:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:27:GLY:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:27:GLY:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:27:GLY:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CB	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CD	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CZ	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HE	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH11	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH12	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH21	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH22	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:28:ARG:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NE	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:28:ARG:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:29:TYR:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CB	19	0.17
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CZ	19	0.17
(2,7)	2:B:5:GLY:C	1:A:29:TYR:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HH	19	0.17
(2,7)	2:B:5:GLY:C	1:A:29:TYR:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:29:TYR:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:29:TYR:OH	19	0.17
(2,7)	2:B:5:GLY:C	1:A:30:GLY:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:30:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:30:GLY:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:30:GLY:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:30:GLY:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:31:LYS:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:31:LYS:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB2	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:31:LYS:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:31:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:C	1:A:31:LYS:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:32:LEU:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:32:LEU:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:32:LEU:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:32:LEU:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:34:HIS:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CB	19	0.17
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CD2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CE1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:34:HIS:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB3	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HE1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:34:HIS:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:34:HIS:ND1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:34:HIS:NE2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:34:HIS:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:36:LEU:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:36:LEU:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:36:LEU:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:36:LEU:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:37:TYR:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CB	19	0.17
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CZ	19	0.17
(2,7)	2:B:5:GLY:C	1:A:37:TYR:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE1	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HH	19	0.17
(2,7)	2:B:5:GLY:C	1:A:37:TYR:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:37:TYR:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:37:TYR:OH	19	0.17
(2,7)	2:B:5:GLY:C	1:A:38:ASP:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CB	19	0.17
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:38:ASP:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:38:ASP:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:38:ASP:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:39:LEU:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:39:LEU:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:39:LEU:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:39:LEU:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:40:GLY:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:40:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:40:GLY:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:40:GLY:N	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:40:GLY:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:41:GLY:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:41:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:41:GLY:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:41:GLY:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:41:GLY:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:42:GLY:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:42:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:42:GLY:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:42:GLY:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:42:GLY:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:43:LYS:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:43:LYS:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:43:LYS:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:43:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:C	1:A:43:LYS:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:44:ALA:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CB	19	0.17
(2,7)	2:B:5:GLY:C	1:A:44:ALA:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HA	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:44:ALA:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:44:ALA:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:45:GLY:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:45:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:45:GLY:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:45:GLY:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:45:GLY:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:46:MET:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:46:MET:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:46:MET:CB	19	0.17
(2,7)	2:B:5:GLY:C	1:A:46:MET:CE	19	0.17
(2,7)	2:B:5:GLY:C	1:A:46:MET:CG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:46:MET:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:46:MET:HA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:46:MET:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:46:MET:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:46:MET:SD	19	0.17
(2,7)	2:B:5:GLY:C	1:A:47:GLY:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:47:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:47:GLY:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:47:GLY:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:47:GLY:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:48:MET:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:48:MET:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:48:MET:CB	19	0.17
(2,7)	2:B:5:GLY:C	1:A:48:MET:CE	19	0.17
(2,7)	2:B:5:GLY:C	1:A:48:MET:CG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:48:MET:H	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:48:MET:HA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:48:MET:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:48:MET:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:48:MET:SD	19	0.17
(2,7)	2:B:5:GLY:C	1:A:50:SER:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:50:SER:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:50:SER:CB	19	0.17
(2,7)	2:B:5:GLY:C	1:A:50:SER:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:50:SER:HA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:50:SER:HG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:50:SER:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:50:SER:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:50:SER:OG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:51:GLU:C	19	0.17
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CB	19	0.17
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CD	19	0.17
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CG	19	0.17
(2,7)	2:B:5:GLY:C	1:A:51:GLU:H	19	0.17
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HA	19	0.17
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG2	19	0.17
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG3	19	0.17
(2,7)	2:B:5:GLY:C	1:A:51:GLU:N	19	0.17
(2,7)	2:B:5:GLY:C	1:A:51:GLU:O	19	0.17
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE1	19	0.17
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CE	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CB	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CZ	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HH	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:OH	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CD	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CA	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CB	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CD	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CZ	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HE	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH11	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH12	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH21	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH22	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NE	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CB	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CZ	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HH	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:OH	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HA	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CB	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CD2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CE1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB2	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HE1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:ND1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:NE2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CB	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CZ	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD2	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HH	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:OH	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CB	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA3	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CB	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:H	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:46:MET:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CB	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CE	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:46:MET:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:46:MET:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:46:MET:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:46:MET:SD	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:48:MET:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CB	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CE	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CG	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:48:MET:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:48:MET:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:48:MET:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:48:MET:SD	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:50:SER:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CB	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:50:SER:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:50:SER:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:50:SER:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:50:SER:OG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:C	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CB	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CD	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CG	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:H	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HA	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG2	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG3	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:N	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:O	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE1	19	0.17
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:10:LYS:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CD	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:10:LYS:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:10:LYS:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:10:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:H	1:A:10:LYS:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:11:TYR:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CB	19	0.17
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CZ	19	0.17
(2,7)	2:B:5:GLY:H	1:A:11:TYR:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HH	19	0.17
(2,7)	2:B:5:GLY:H	1:A:11:TYR:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:11:TYR:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:11:TYR:OH	19	0.17
(2,7)	2:B:5:GLY:H	1:A:12:LYS:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CB	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:12:LYS:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:12:LYS:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:12:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:H	1:A:12:LYS:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:16:LYS:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:16:LYS:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:16:LYS:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:16:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:H	1:A:16:LYS:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:24:LEU:C	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:24:LEU:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:24:LEU:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:24:LEU:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:27:GLY:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:27:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:27:GLY:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:27:GLY:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:27:GLY:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CB	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CD	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CZ	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HE	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH11	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH12	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH21	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH22	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NE	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:28:ARG:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:29:TYR:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CB	19	0.17
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CZ	19	0.17
(2,7)	2:B:5:GLY:H	1:A:29:TYR:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HH	19	0.17
(2,7)	2:B:5:GLY:H	1:A:29:TYR:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:29:TYR:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:29:TYR:OH	19	0.17
(2,7)	2:B:5:GLY:H	1:A:30:GLY:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:30:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:30:GLY:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:30:GLY:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:30:GLY:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:31:LYS:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:31:LYS:H	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:31:LYS:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:31:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:H	1:A:31:LYS:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:32:LEU:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:32:LEU:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:32:LEU:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:32:LEU:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:34:HIS:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CB	19	0.17
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CD2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CE1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:34:HIS:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HA	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HE1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:34:HIS:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:34:HIS:ND1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:34:HIS:NE2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:34:HIS:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:36:LEU:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:36:LEU:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:36:LEU:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:36:LEU:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:37:TYR:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CB	19	0.17
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CZ	19	0.17
(2,7)	2:B:5:GLY:H	1:A:37:TYR:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD1	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HH	19	0.17
(2,7)	2:B:5:GLY:H	1:A:37:TYR:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:37:TYR:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:37:TYR:OH	19	0.17
(2,7)	2:B:5:GLY:H	1:A:38:ASP:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CB	19	0.17
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:38:ASP:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:38:ASP:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:38:ASP:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:39:LEU:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:39:LEU:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:39:LEU:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:39:LEU:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:40:GLY:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:40:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:40:GLY:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA2	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:40:GLY:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:40:GLY:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:41:GLY:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:41:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:41:GLY:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:41:GLY:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:41:GLY:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:42:GLY:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:42:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:42:GLY:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:42:GLY:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:42:GLY:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:43:LYS:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:43:LYS:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:43:LYS:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:43:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:H	1:A:43:LYS:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:44:ALA:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CB	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:44:ALA:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:44:ALA:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:44:ALA:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:45:GLY:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:45:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:45:GLY:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:45:GLY:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:45:GLY:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:46:MET:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:46:MET:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:46:MET:CB	19	0.17
(2,7)	2:B:5:GLY:H	1:A:46:MET:CE	19	0.17
(2,7)	2:B:5:GLY:H	1:A:46:MET:CG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:46:MET:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:46:MET:HA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:46:MET:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:46:MET:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:46:MET:SD	19	0.17
(2,7)	2:B:5:GLY:H	1:A:47:GLY:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:47:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:47:GLY:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:47:GLY:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:47:GLY:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:48:MET:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:48:MET:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:48:MET:CB	19	0.17
(2,7)	2:B:5:GLY:H	1:A:48:MET:CE	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:48:MET:CG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:48:MET:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:48:MET:HA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:48:MET:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:48:MET:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:48:MET:SD	19	0.17
(2,7)	2:B:5:GLY:H	1:A:50:SER:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:50:SER:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:50:SER:CB	19	0.17
(2,7)	2:B:5:GLY:H	1:A:50:SER:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:50:SER:HA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:50:SER:HG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:50:SER:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:50:SER:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:50:SER:OG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:51:GLU:C	19	0.17
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CB	19	0.17
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CD	19	0.17
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CG	19	0.17
(2,7)	2:B:5:GLY:H	1:A:51:GLU:H	19	0.17
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HA	19	0.17
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG2	19	0.17
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG3	19	0.17
(2,7)	2:B:5:GLY:H	1:A:51:GLU:N	19	0.17
(2,7)	2:B:5:GLY:H	1:A:51:GLU:O	19	0.17
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE1	19	0.17
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CB	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CB	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CZ	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HH	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:OH	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CA	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:O	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CB	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CD	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CZ	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HE	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH11	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH12	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH21	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH22	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NE	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CB	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CZ	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HH	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:OH	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CG	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CB	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CD2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CE1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:H	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HE1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:ND1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:NE2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CB	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CZ	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB3	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HH	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:OH	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CB	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:H	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CA	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CB	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CB	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CE	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:SD	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CB	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CE	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:SD	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CB	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:OG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:C	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CB	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CD	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CG	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:H	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HA	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG2	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG3	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:N	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:O	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE1	19	0.17
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CA	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CB	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CZ	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HH	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:OH	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:C	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:NZ	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CB	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CD	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CZ	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HE	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG3	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH11	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH12	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH21	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH22	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NE	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CB	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CZ	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HH	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:OH	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CE	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CB	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CD2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CE1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CG	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HE1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:ND1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:NE2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CB	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CZ	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB2	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HH	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:OH	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CB	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:CA	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:C	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CB	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CB	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CE	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:SD	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CA	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CB	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CE	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:SD	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CB	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:OG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:C	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CB	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CD	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CG	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:H	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HA	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG2	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG3	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:N	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:O	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE1	19	0.17
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:10:LYS:C	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:10:LYS:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:10:LYS:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:10:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:N	1:A:10:LYS:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:11:TYR:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CB	19	0.17
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CZ	19	0.17
(2,7)	2:B:5:GLY:N	1:A:11:TYR:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HH	19	0.17
(2,7)	2:B:5:GLY:N	1:A:11:TYR:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:11:TYR:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:11:TYR:OH	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:12:LYS:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:12:LYS:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:12:LYS:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:12:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:N	1:A:12:LYS:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:16:LYS:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:16:LYS:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:16:LYS:N	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:16:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:N	1:A:16:LYS:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:24:LEU:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:24:LEU:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:24:LEU:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:24:LEU:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:27:GLY:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:27:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:27:GLY:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:27:GLY:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:27:GLY:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CB	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CD	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CZ	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HE	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG2	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH11	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH12	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH21	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH22	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NE	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:28:ARG:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:29:TYR:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CB	19	0.17
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CZ	19	0.17
(2,7)	2:B:5:GLY:N	1:A:29:TYR:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HH	19	0.17
(2,7)	2:B:5:GLY:N	1:A:29:TYR:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:29:TYR:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:29:TYR:OH	19	0.17
(2,7)	2:B:5:GLY:N	1:A:30:GLY:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:30:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:30:GLY:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:30:GLY:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:30:GLY:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:31:LYS:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CD	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:31:LYS:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:31:LYS:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:31:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:N	1:A:31:LYS:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:32:LEU:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:32:LEU:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:32:LEU:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:32:LEU:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:34:HIS:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CB	19	0.17
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CD2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CE1	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:34:HIS:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HE1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:34:HIS:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:34:HIS:ND1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:34:HIS:NE2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:34:HIS:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:36:LEU:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:36:LEU:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:36:LEU:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:36:LEU:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:37:TYR:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CB	19	0.17
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CZ	19	0.17
(2,7)	2:B:5:GLY:N	1:A:37:TYR:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HA	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HH	19	0.17
(2,7)	2:B:5:GLY:N	1:A:37:TYR:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:37:TYR:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:37:TYR:OH	19	0.17
(2,7)	2:B:5:GLY:N	1:A:38:ASP:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CB	19	0.17
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:38:ASP:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:38:ASP:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:38:ASP:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:39:LEU:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:39:LEU:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:39:LEU:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:39:LEU:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:40:GLY:C	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:40:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:40:GLY:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:40:GLY:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:40:GLY:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:41:GLY:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:41:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:41:GLY:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:41:GLY:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:41:GLY:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:42:GLY:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:42:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:42:GLY:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:42:GLY:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:42:GLY:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:43:LYS:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:43:LYS:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:43:LYS:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:43:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:N	1:A:43:LYS:O	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:44:ALA:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CB	19	0.17
(2,7)	2:B:5:GLY:N	1:A:44:ALA:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:44:ALA:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:44:ALA:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:45:GLY:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:45:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:45:GLY:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:45:GLY:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:45:GLY:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:46:MET:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:46:MET:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:46:MET:CB	19	0.17
(2,7)	2:B:5:GLY:N	1:A:46:MET:CE	19	0.17
(2,7)	2:B:5:GLY:N	1:A:46:MET:CG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:46:MET:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:46:MET:HA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:46:MET:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:46:MET:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:46:MET:SD	19	0.17
(2,7)	2:B:5:GLY:N	1:A:47:GLY:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:47:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:47:GLY:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:47:GLY:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:47:GLY:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:48:MET:C	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:48:MET:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:48:MET:CB	19	0.17
(2,7)	2:B:5:GLY:N	1:A:48:MET:CE	19	0.17
(2,7)	2:B:5:GLY:N	1:A:48:MET:CG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:48:MET:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:48:MET:HA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:48:MET:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:48:MET:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:48:MET:SD	19	0.17
(2,7)	2:B:5:GLY:N	1:A:50:SER:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:50:SER:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:50:SER:CB	19	0.17
(2,7)	2:B:5:GLY:N	1:A:50:SER:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:50:SER:HA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:50:SER:HG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:50:SER:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:50:SER:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:50:SER:OG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:51:GLU:C	19	0.17
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CB	19	0.17
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CD	19	0.17
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CG	19	0.17
(2,7)	2:B:5:GLY:N	1:A:51:GLU:H	19	0.17
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HA	19	0.17
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG2	19	0.17
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG3	19	0.17
(2,7)	2:B:5:GLY:N	1:A:51:GLU:N	19	0.17
(2,7)	2:B:5:GLY:N	1:A:51:GLU:O	19	0.17
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE1	19	0.17
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE2	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:10:LYS:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:10:LYS:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:10:LYS:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:10:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:O	1:A:10:LYS:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:11:TYR:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CB	19	0.17
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CZ	19	0.17
(2,7)	2:B:5:GLY:O	1:A:11:TYR:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HH	19	0.17
(2,7)	2:B:5:GLY:O	1:A:11:TYR:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:11:TYR:O	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:11:TYR:OH	19	0.17
(2,7)	2:B:5:GLY:O	1:A:12:LYS:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:12:LYS:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:12:LYS:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:12:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:O	1:A:12:LYS:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:16:LYS:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:16:LYS:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ3	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:16:LYS:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:16:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:O	1:A:16:LYS:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:24:LEU:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:24:LEU:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:24:LEU:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:24:LEU:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:27:GLY:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:27:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:27:GLY:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:27:GLY:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:27:GLY:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CB	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CD	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CZ	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HE	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH11	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH12	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH21	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH22	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NE	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:28:ARG:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:29:TYR:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CB	19	0.17
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CZ	19	0.17
(2,7)	2:B:5:GLY:O	1:A:29:TYR:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HH	19	0.17
(2,7)	2:B:5:GLY:O	1:A:29:TYR:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:29:TYR:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:29:TYR:OH	19	0.17
(2,7)	2:B:5:GLY:O	1:A:30:GLY:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:30:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:30:GLY:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:30:GLY:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:30:GLY:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:31:LYS:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CB	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:31:LYS:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:31:LYS:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:31:LYS:NZ	19	0.17
(2,7)	2:B:5:GLY:O	1:A:31:LYS:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:32:LEU:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:32:LEU:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:32:LEU:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:32:LEU:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:34:HIS:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CB	19	0.17
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CD2	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CE1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:34:HIS:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HE1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:34:HIS:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:34:HIS:ND1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:34:HIS:NE2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:34:HIS:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:36:LEU:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:36:LEU:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:36:LEU:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:36:LEU:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:37:TYR:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CB	19	0.17
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CZ	19	0.17
(2,7)	2:B:5:GLY:O	1:A:37:TYR:H	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HH	19	0.17
(2,7)	2:B:5:GLY:O	1:A:37:TYR:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:37:TYR:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:37:TYR:OH	19	0.17
(2,7)	2:B:5:GLY:O	1:A:38:ASP:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CB	19	0.17
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:38:ASP:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:38:ASP:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:38:ASP:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:39:LEU:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CB	19	0.17
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:39:LEU:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD11	19	0.17
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD12	19	0.17
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD13	19	0.17
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD21	19	0.17
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD22	19	0.17
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD23	19	0.17
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:39:LEU:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:39:LEU:O	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:40:GLY:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:40:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:40:GLY:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:40:GLY:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:40:GLY:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:41:GLY:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:41:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:41:GLY:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:41:GLY:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:41:GLY:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:42:GLY:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:42:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:42:GLY:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:42:GLY:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:42:GLY:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:43:LYS:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CB	19	0.17
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CD	19	0.17
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CE	19	0.17
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:43:LYS:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:43:LYS:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:43:LYS:NZ	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:43:LYS:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:44:ALA:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CB	19	0.17
(2,7)	2:B:5:GLY:O	1:A:44:ALA:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:44:ALA:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:44:ALA:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:45:GLY:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:45:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:45:GLY:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:45:GLY:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:45:GLY:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:46:MET:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:46:MET:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:46:MET:CB	19	0.17
(2,7)	2:B:5:GLY:O	1:A:46:MET:CE	19	0.17
(2,7)	2:B:5:GLY:O	1:A:46:MET:CG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:46:MET:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:46:MET:HA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:46:MET:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:46:MET:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:46:MET:SD	19	0.17
(2,7)	2:B:5:GLY:O	1:A:47:GLY:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:47:GLY:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:47:GLY:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:47:GLY:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:47:GLY:O	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:48:MET:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:48:MET:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:48:MET:CB	19	0.17
(2,7)	2:B:5:GLY:O	1:A:48:MET:CE	19	0.17
(2,7)	2:B:5:GLY:O	1:A:48:MET:CG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:48:MET:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:48:MET:HA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE1	19	0.17
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:48:MET:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:48:MET:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:48:MET:SD	19	0.17
(2,7)	2:B:5:GLY:O	1:A:50:SER:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:50:SER:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:50:SER:CB	19	0.17
(2,7)	2:B:5:GLY:O	1:A:50:SER:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:50:SER:HA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:50:SER:HG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:50:SER:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:50:SER:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:50:SER:OG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:51:GLU:C	19	0.17
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CB	19	0.17
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CD	19	0.17
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CG	19	0.17
(2,7)	2:B:5:GLY:O	1:A:51:GLU:H	19	0.17
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HA	19	0.17
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG2	19	0.17
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG3	19	0.17
(2,7)	2:B:5:GLY:O	1:A:51:GLU:N	19	0.17
(2,7)	2:B:5:GLY:O	1:A:51:GLU:O	19	0.17
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE1	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE2	19	0.17
(1,27)	1:A:12:LYS:HA	2:B:8:GLU:HB2	20	0.16
(1,27)	1:A:12:LYS:HA	2:B:8:GLU:HB3	20	0.16
(1,23)	1:A:11:TYR:HE1	2:B:8:GLU:HA	4	0.16
(1,23)	1:A:11:TYR:HE2	2:B:8:GLU:HA	4	0.16
(1,23)	1:A:11:TYR:HE1	2:B:8:GLU:HA	8	0.16
(1,23)	1:A:11:TYR:HE2	2:B:8:GLU:HA	8	0.16
(2,7)	2:B:5:GLY:C	1:A:10:LYS:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CB	2	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CZ	2	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB3	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HH	2	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:OH	2	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD3	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:27:GLY:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:27:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:27:GLY:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:27:GLY:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:27:GLY:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CB	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CD	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CZ	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:28:ARG:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HE	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH11	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH12	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH21	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH22	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NE	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CB	2	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CZ	2	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HH	2	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:OH	2	0.15
(2,7)	2:B:5:GLY:C	1:A:30:GLY:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:30:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:30:GLY:H	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:30:GLY:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:30:GLY:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD23	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CB	2	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CD2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CE1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HE1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:ND1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:NE2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CB	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CZ	2	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HH	2	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:OH	2	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CB	2	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD12	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:40:GLY:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:40:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:40:GLY:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:40:GLY:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:40:GLY:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:41:GLY:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:41:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:41:GLY:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:41:GLY:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:41:GLY:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:42:GLY:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:42:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:42:GLY:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:42:GLY:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:42:GLY:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE3	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:44:ALA:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CB	2	0.15
(2,7)	2:B:5:GLY:C	1:A:44:ALA:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:44:ALA:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:44:ALA:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:45:GLY:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:45:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:45:GLY:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:45:GLY:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:45:GLY:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:CB	2	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:CE	2	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:CG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:HA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:SD	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:47:GLY:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:47:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:47:GLY:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:47:GLY:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:47:GLY:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:CB	2	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:CE	2	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:CG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:HA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:SD	2	0.15
(2,7)	2:B:5:GLY:C	1:A:50:SER:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:50:SER:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:50:SER:CB	2	0.15
(2,7)	2:B:5:GLY:C	1:A:50:SER:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:50:SER:HA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:50:SER:HG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:50:SER:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:50:SER:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:50:SER:OG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:C	2	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CA	2	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CB	2	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CD	2	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CG	2	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:H	2	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HA	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG3	2	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:N	2	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:O	2	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE1	2	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CB	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CZ	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB2	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HH	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:OH	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD2	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CB	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CD	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CG	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CZ	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HE	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH11	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH12	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH21	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH22	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NE	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CB	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CZ	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HH	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:OH	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:CA	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD22	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CB	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CD2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CE1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HE1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:ND1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:NE2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CA	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CB	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CZ	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HH	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:OH	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CB	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD11	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE2	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CB	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CB	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CE	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:O	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:46:MET:SD	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CB	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CE	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:SD	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:50:SER:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CB	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:50:SER:H	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:50:SER:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:50:SER:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:50:SER:OG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:C	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CB	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CD	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CG	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:H	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HA	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG2	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG3	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:N	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:O	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE1	2	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CB	2	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CZ	2	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HA	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HH	2	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:OH	2	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB3	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:27:GLY:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:27:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:27:GLY:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:27:GLY:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:27:GLY:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CB	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CD	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CZ	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HE	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH11	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH12	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH21	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH22	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NE	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CB	2	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CZ	2	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HH	2	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:OH	2	0.15
(2,7)	2:B:5:GLY:H	1:A:30:GLY:C	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:30:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:30:GLY:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:30:GLY:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:30:GLY:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD21	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CB	2	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CD2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CE1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HE1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:ND1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:NE2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:C	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CB	2	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CZ	2	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HH	2	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:OH	2	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CB	2	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB3	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:40:GLY:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:40:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:40:GLY:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:40:GLY:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:40:GLY:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:41:GLY:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:41:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:41:GLY:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:41:GLY:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:41:GLY:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:42:GLY:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:42:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:42:GLY:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:42:GLY:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:42:GLY:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD3	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:44:ALA:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CB	2	0.15
(2,7)	2:B:5:GLY:H	1:A:44:ALA:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:44:ALA:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:44:ALA:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:45:GLY:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:45:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:45:GLY:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:45:GLY:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:45:GLY:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:CB	2	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:CE	2	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:CG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:HA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:N	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:46:MET:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:SD	2	0.15
(2,7)	2:B:5:GLY:H	1:A:47:GLY:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:47:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:47:GLY:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:47:GLY:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:47:GLY:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:CB	2	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:CE	2	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:CG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:HA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:SD	2	0.15
(2,7)	2:B:5:GLY:H	1:A:50:SER:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:50:SER:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:50:SER:CB	2	0.15
(2,7)	2:B:5:GLY:H	1:A:50:SER:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:50:SER:HA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:50:SER:HG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:50:SER:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:50:SER:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:50:SER:OG	2	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:C	2	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CB	2	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CD	2	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CG	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:51:GLU:H	2	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HA	2	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG2	2	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG3	2	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:N	2	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:O	2	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE1	2	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CB	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CZ	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:H	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HH	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:OH	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB2	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CB	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CD	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CZ	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HE	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH11	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH12	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH21	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH22	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NE	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CB	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CZ	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HH	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:OH	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD13	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CB	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CD2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CE1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HE1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:ND1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:NE2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:O	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CB	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CZ	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HH	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:OH	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CB	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB2	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD2	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CB	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CB	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CE	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG3	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:SD	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CB	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CE	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:SD	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CB	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:OG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:C	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CB	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CD	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CG	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:H	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HA	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG2	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG3	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:N	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:O	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE1	2	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CB	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CZ	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HH	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:OH	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HA	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CA	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CB	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CD	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CZ	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HE	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH11	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH12	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH21	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH22	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NE	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CB	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CZ	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HH	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:O	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:OH	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD12	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CB	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CD2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CE1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HE1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:ND1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:NE2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:N	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CB	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CZ	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HH	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:OH	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CB	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HA	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB3	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CB	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CB	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CE	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG2	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:SD	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CB	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CE	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:SD	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CB	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:OG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:C	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CB	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CD	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CG	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:H	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HA	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG2	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG3	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:N	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:O	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE1	2	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CB	2	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CG	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CZ	2	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HH	2	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:OH	2	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:H	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:27:GLY:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:27:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:27:GLY:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:27:GLY:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:27:GLY:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:C	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CB	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CD	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CG	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CZ	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HE	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH11	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH12	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH21	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH22	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NE	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CB	2	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CG	2	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CZ	2	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HH	2	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:N	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:29:TYR:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:OH	2	0.15
(2,7)	2:B:5:GLY:N	1:A:30:GLY:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:30:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:30:GLY:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:30:GLY:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:30:GLY:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD11	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CB	2	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CD2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CE1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CG	2	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HE1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:ND1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:NE2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HG	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:36:LEU:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CB	2	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CG	2	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CZ	2	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HH	2	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:OH	2	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CB	2	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CG	2	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:H	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:40:GLY:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:40:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:40:GLY:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:40:GLY:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:40:GLY:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:41:GLY:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:41:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:41:GLY:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:41:GLY:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:41:GLY:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:42:GLY:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:42:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:42:GLY:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:42:GLY:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:42:GLY:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB2	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:44:ALA:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CB	2	0.15
(2,7)	2:B:5:GLY:N	1:A:44:ALA:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:44:ALA:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:44:ALA:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:45:GLY:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:45:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:45:GLY:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:45:GLY:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:45:GLY:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:CB	2	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:CE	2	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:CG	2	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:HA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE3	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:SD	2	0.15
(2,7)	2:B:5:GLY:N	1:A:47:GLY:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:47:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:47:GLY:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:47:GLY:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:47:GLY:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:CB	2	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:CE	2	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:CG	2	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:HA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:SD	2	0.15
(2,7)	2:B:5:GLY:N	1:A:50:SER:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:50:SER:CA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:50:SER:CB	2	0.15
(2,7)	2:B:5:GLY:N	1:A:50:SER:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:50:SER:HA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:50:SER:HG	2	0.15
(2,7)	2:B:5:GLY:N	1:A:50:SER:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:50:SER:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:50:SER:OG	2	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:C	2	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CA	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CB	2	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CD	2	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CG	2	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:H	2	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HA	2	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG2	2	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG3	2	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:N	2	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:O	2	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE1	2	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CB	2	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE2	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CG	2	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CZ	2	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HH	2	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:OH	2	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CG	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:16:LYS:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:27:GLY:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:27:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:27:GLY:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:27:GLY:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:27:GLY:O	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:28:ARG:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CB	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CD	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CG	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CZ	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HE	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH11	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH12	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH21	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH22	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NE	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CB	2	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CG	2	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CZ	2	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HH	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:29:TYR:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:OH	2	0.15
(2,7)	2:B:5:GLY:O	1:A:30:GLY:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:30:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:30:GLY:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:30:GLY:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:30:GLY:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB3	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CB	2	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CD2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CE1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CG	2	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HE1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:ND1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:NE2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CG	2	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD23	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CB	2	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CG	2	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CZ	2	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HH	2	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:OH	2	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CB	2	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CG	2	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CB	2	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CG	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:39:LEU:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD11	2	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD12	2	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD13	2	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD21	2	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD22	2	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD23	2	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HG	2	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:40:GLY:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:40:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:40:GLY:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:40:GLY:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:40:GLY:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:41:GLY:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:41:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:41:GLY:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:41:GLY:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:41:GLY:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:42:GLY:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:42:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:42:GLY:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:42:GLY:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:42:GLY:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CB	2	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CD	2	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CE	2	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CG	2	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HA	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:NZ	2	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:44:ALA:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CB	2	0.15
(2,7)	2:B:5:GLY:O	1:A:44:ALA:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:44:ALA:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:44:ALA:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:45:GLY:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:45:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:45:GLY:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:45:GLY:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:45:GLY:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:CB	2	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:CE	2	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:CG	2	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:HA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE2	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:SD	2	0.15
(2,7)	2:B:5:GLY:O	1:A:47:GLY:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:47:GLY:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:47:GLY:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:47:GLY:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:47:GLY:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:CB	2	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:CE	2	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:CG	2	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:HA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:SD	2	0.15
(2,7)	2:B:5:GLY:O	1:A:50:SER:C	2	0.15
(2,7)	2:B:5:GLY:O	1:A:50:SER:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:50:SER:CB	2	0.15
(2,7)	2:B:5:GLY:O	1:A:50:SER:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:50:SER:HA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:50:SER:HG	2	0.15
(2,7)	2:B:5:GLY:O	1:A:50:SER:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:50:SER:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:50:SER:OG	2	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:C	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CB	2	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CD	2	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CG	2	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:H	2	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HA	2	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG2	2	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG3	2	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:N	2	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:O	2	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE1	2	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE2	2	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:C	1:A:10:LYS:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CB	15	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE1	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CZ	15	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HH	15	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:11:TYR:OH	15	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:C	1:A:12:LYS:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CE	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:C	1:A:16:LYS:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:24:LEU:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:27:GLY:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:27:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:27:GLY:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:27:GLY:N	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:27:GLY:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CB	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CD	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CZ	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HE	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH11	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH12	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH21	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH22	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NE	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:28:ARG:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CB	15	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CZ	15	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE2	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HH	15	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:29:TYR:OH	15	0.15
(2,7)	2:B:5:GLY:C	1:A:30:GLY:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:30:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:30:GLY:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:30:GLY:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:30:GLY:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:C	1:A:31:LYS:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB2	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:32:LEU:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CB	15	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CD2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CE1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HE1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:ND1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:NE2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:34:HIS:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD22	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:36:LEU:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CB	15	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CZ	15	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HH	15	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:37:TYR:OH	15	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CB	15	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD2	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:39:LEU:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:40:GLY:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:40:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:40:GLY:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:40:GLY:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:40:GLY:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:41:GLY:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:41:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:41:GLY:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:41:GLY:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:41:GLY:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:42:GLY:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:42:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:42:GLY:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:42:GLY:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:42:GLY:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:H	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:C	1:A:43:LYS:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:44:ALA:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CB	15	0.15
(2,7)	2:B:5:GLY:C	1:A:44:ALA:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:44:ALA:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:44:ALA:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:45:GLY:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:45:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:45:GLY:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:45:GLY:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:45:GLY:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:CB	15	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:CE	15	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:CG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:HA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE1	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:46:MET:SD	15	0.15
(2,7)	2:B:5:GLY:C	1:A:47:GLY:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:47:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:47:GLY:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:47:GLY:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:47:GLY:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:CB	15	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:CE	15	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:CG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:HA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:48:MET:SD	15	0.15
(2,7)	2:B:5:GLY:C	1:A:50:SER:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:50:SER:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:50:SER:CB	15	0.15
(2,7)	2:B:5:GLY:C	1:A:50:SER:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:50:SER:HA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:50:SER:HG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:50:SER:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:50:SER:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:50:SER:OG	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:51:GLU:C	15	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CB	15	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CD	15	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CG	15	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:H	15	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HA	15	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG2	15	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG3	15	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:N	15	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:O	15	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE1	15	0.15
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CB	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD2	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CZ	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HH	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:OH	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CD	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA3	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CB	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CD	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CZ	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HE	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH11	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH12	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH21	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH22	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NE	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CB	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CZ	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE1	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HH	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:OH	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HA	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CB	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CD2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CE1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HE1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:ND1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:NE2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD21	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CB	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CZ	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HH	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:OH	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CB	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD1	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CG	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CB	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CB	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CE	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB3	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:46:MET:SD	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CB	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CE	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:48:MET:SD	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:50:SER:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CB	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:50:SER:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:50:SER:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:50:SER:O	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:50:SER:OG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:C	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CB	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CD	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CG	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:H	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HA	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG2	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG3	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:N	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:O	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE1	15	0.15
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:H	1:A:10:LYS:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CB	15	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD1	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CZ	15	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HH	15	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:11:TYR:OH	15	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:H	1:A:12:LYS:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CB	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:H	1:A:16:LYS:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:24:LEU:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:27:GLY:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:27:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:27:GLY:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA2	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:27:GLY:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:27:GLY:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CB	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CD	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CZ	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HE	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH11	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH12	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH21	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH22	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NE	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:28:ARG:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CB	15	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CZ	15	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD2	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HH	15	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:29:TYR:OH	15	0.15
(2,7)	2:B:5:GLY:H	1:A:30:GLY:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:30:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:30:GLY:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:30:GLY:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:30:GLY:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:H	1:A:31:LYS:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:H	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:32:LEU:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CB	15	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CD2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CE1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HE1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:ND1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:NE2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:34:HIS:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD13	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:36:LEU:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CB	15	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CZ	15	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HH	15	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:37:TYR:OH	15	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CB	15	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CB	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:39:LEU:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:40:GLY:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:40:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:40:GLY:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:40:GLY:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:40:GLY:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:41:GLY:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:41:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:41:GLY:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:41:GLY:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:41:GLY:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:42:GLY:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:42:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:42:GLY:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:42:GLY:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:42:GLY:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CE	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:H	1:A:43:LYS:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:44:ALA:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CB	15	0.15
(2,7)	2:B:5:GLY:H	1:A:44:ALA:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:44:ALA:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:44:ALA:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:45:GLY:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:45:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:45:GLY:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:45:GLY:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:45:GLY:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:CB	15	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:CE	15	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:CG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:HA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB2	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:46:MET:SD	15	0.15
(2,7)	2:B:5:GLY:H	1:A:47:GLY:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:47:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:47:GLY:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:47:GLY:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:47:GLY:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:CB	15	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:CE	15	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:CG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:HA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:48:MET:SD	15	0.15
(2,7)	2:B:5:GLY:H	1:A:50:SER:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:50:SER:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:50:SER:CB	15	0.15
(2,7)	2:B:5:GLY:H	1:A:50:SER:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:50:SER:HA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:50:SER:HG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:50:SER:N	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:50:SER:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:50:SER:OG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:C	15	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CB	15	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CD	15	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CG	15	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:H	15	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HA	15	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG2	15	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG3	15	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:N	15	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:O	15	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE1	15	0.15
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CB	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CG	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CZ	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HH	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:OH	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CA	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:H	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CB	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CD	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CG	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CZ	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HE	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH11	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH12	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH21	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH22	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NE	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CB	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CG	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CZ	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD1	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HH	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:OH	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CG	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CB	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CD2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CE1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CG	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HE1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:ND1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:NE2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD12	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CB	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CG	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CZ	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HH	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:OH	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CB	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CG	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CA	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CD	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CB	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CB	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CE	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CG	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HA	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:SD	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CB	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CE	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CG	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:SD	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CB	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HG	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:OG	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:C	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CB	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CD	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CG	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:H	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HA	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG2	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG3	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:N	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:O	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE1	15	0.15
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CA	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CB	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CZ	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HH	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:OH	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:C	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:CA	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CB	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CD	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CZ	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HE	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH11	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH12	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH21	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH22	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NE	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CB	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CZ	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB3	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HH	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:OH	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD2	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CB	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CD2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CE1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HE1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:ND1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:NE2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD11	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CB	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CZ	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HH	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:OH	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CB	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:C	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CB	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CB	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CB	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CE	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:H	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:SD	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CB	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CE	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:SD	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CB	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB3	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:OG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:C	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CB	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CD	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CG	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:H	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HA	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG2	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG3	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:N	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:O	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE1	15	0.15
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:N	1:A:10:LYS:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:C	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CB	15	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CZ	15	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HH	15	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:11:TYR:OH	15	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:N	1:A:12:LYS:O	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:16:LYS:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:N	1:A:16:LYS:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:24:LEU:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:27:GLY:C	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:27:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:27:GLY:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:27:GLY:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:27:GLY:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CB	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CD	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CZ	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HE	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH11	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH12	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH21	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH22	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NE	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:28:ARG:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CB	15	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CZ	15	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB2	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HH	15	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:29:TYR:OH	15	0.15
(2,7)	2:B:5:GLY:N	1:A:30:GLY:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:30:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:30:GLY:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:30:GLY:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:30:GLY:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:N	1:A:31:LYS:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD1	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:32:LEU:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CB	15	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CD2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CE1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HE1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:ND1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:NE2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:34:HIS:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB3	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:36:LEU:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CB	15	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CZ	15	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HH	15	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:37:TYR:OH	15	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CB	15	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD2	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:39:LEU:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:39:LEU:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:40:GLY:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:40:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:40:GLY:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:40:GLY:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:40:GLY:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:41:GLY:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:41:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:41:GLY:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:41:GLY:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:41:GLY:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:42:GLY:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:42:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:42:GLY:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:42:GLY:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:42:GLY:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CA	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:N	1:A:43:LYS:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:44:ALA:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CB	15	0.15
(2,7)	2:B:5:GLY:N	1:A:44:ALA:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:44:ALA:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:44:ALA:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:45:GLY:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:45:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:45:GLY:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:45:GLY:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:45:GLY:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:CB	15	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:CE	15	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:CG	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:46:MET:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:HA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:46:MET:SD	15	0.15
(2,7)	2:B:5:GLY:N	1:A:47:GLY:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:47:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:47:GLY:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:47:GLY:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:47:GLY:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:CB	15	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:CE	15	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:CG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:HA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:48:MET:SD	15	0.15
(2,7)	2:B:5:GLY:N	1:A:50:SER:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:50:SER:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:50:SER:CB	15	0.15
(2,7)	2:B:5:GLY:N	1:A:50:SER:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:50:SER:HA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB2	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:50:SER:HG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:50:SER:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:50:SER:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:50:SER:OG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:C	15	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CB	15	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CD	15	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CG	15	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:H	15	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HA	15	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG2	15	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG3	15	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:N	15	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:O	15	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE1	15	0.15
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:O	1:A:10:LYS:O	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:11:TYR:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CB	15	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CZ	15	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HH	15	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:11:TYR:OH	15	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:12:LYS:NZ	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:12:LYS:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:O	1:A:16:LYS:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:24:LEU:O	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:27:GLY:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:27:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:27:GLY:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:27:GLY:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:27:GLY:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CB	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CD	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CZ	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HE	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH11	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH12	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH21	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH22	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NE	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:28:ARG:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CB	15	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CZ	15	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HA	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HH	15	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:29:TYR:OH	15	0.15
(2,7)	2:B:5:GLY:O	1:A:30:GLY:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:30:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:30:GLY:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:30:GLY:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:30:GLY:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:O	1:A:31:LYS:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CB	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:32:LEU:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CB	15	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CD2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CE1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HE1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:ND1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:NE2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:34:HIS:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB2	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:36:LEU:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CB	15	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CZ	15	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HH	15	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:37:TYR:OH	15	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CB	15	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD1	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CB	15	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD11	15	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD12	15	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD13	15	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD21	15	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD22	15	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD23	15	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:39:LEU:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:40:GLY:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:40:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:40:GLY:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:40:GLY:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:40:GLY:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:41:GLY:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:41:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:41:GLY:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:41:GLY:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:41:GLY:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:42:GLY:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:42:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:42:GLY:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:42:GLY:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:42:GLY:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:C	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CB	15	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CD	15	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CE	15	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:NZ	15	0.15
(2,7)	2:B:5:GLY:O	1:A:43:LYS:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:44:ALA:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CB	15	0.15
(2,7)	2:B:5:GLY:O	1:A:44:ALA:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:44:ALA:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:44:ALA:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:45:GLY:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:45:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:45:GLY:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:45:GLY:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:45:GLY:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:CB	15	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:CE	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:46:MET:CG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:HA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:46:MET:SD	15	0.15
(2,7)	2:B:5:GLY:O	1:A:47:GLY:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:47:GLY:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:47:GLY:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:47:GLY:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:47:GLY:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:CB	15	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:CE	15	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:CG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:HA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:48:MET:SD	15	0.15
(2,7)	2:B:5:GLY:O	1:A:50:SER:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:50:SER:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:50:SER:CB	15	0.15
(2,7)	2:B:5:GLY:O	1:A:50:SER:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:50:SER:HA	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:50:SER:HG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:50:SER:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:50:SER:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:50:SER:OG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:C	15	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CB	15	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CD	15	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CG	15	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:H	15	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HA	15	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG2	15	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG3	15	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:N	15	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:O	15	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE1	15	0.15
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE2	15	0.15
(1,8)	1:A:43:LYS:HG3	2:B:4:GLU:HA	3	0.15
(1,8)	1:A:43:LYS:HG3	2:B:4:GLU:HA	12	0.15
(1,8)	1:A:43:LYS:HG3	2:B:4:GLU:HA	13	0.15
(1,47)	1:A:32:LEU:HG	2:B:10:GLU:HG2	7	0.15
(1,47)	1:A:32:LEU:HG	2:B:10:GLU:HG3	7	0.15
(1,47)	1:A:32:LEU:HG	2:B:10:GLU:HG2	10	0.15
(1,47)	1:A:32:LEU:HG	2:B:10:GLU:HG3	10	0.15
(1,11)	1:A:43:LYS:HG3	2:B:4:GLU:HB2	7	0.15
(1,11)	1:A:43:LYS:HG3	2:B:4:GLU:HB3	7	0.15
(2,3)	1:A:44:ALA:C	2:B:3:GLY:C	1	0.14
(2,3)	1:A:44:ALA:C	2:B:3:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:C	2:B:3:GLY:H	1	0.14
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:3:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:C	2:B:3:GLY:N	1	0.14
(2,3)	1:A:44:ALA:C	2:B:3:GLY:O	1	0.14
(2,3)	1:A:44:ALA:C	2:B:4:GLU:C	1	0.14
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:C	2:B:4:GLU:CG	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:4:GLU:H	1	0.14
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:4:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:C	2:B:4:GLU:N	1	0.14
(2,3)	1:A:44:ALA:C	2:B:4:GLU:O	1	0.14
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:C	2:B:4:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:5:GLY:C	1	0.14
(2,3)	1:A:44:ALA:C	2:B:5:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:C	2:B:5:GLY:H	1	0.14
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:5:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:C	2:B:5:GLY:N	1	0.14
(2,3)	1:A:44:ALA:C	2:B:5:GLY:O	1	0.14
(2,3)	1:A:44:ALA:C	2:B:6:GLU:C	1	0.14
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:C	2:B:6:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:C	2:B:6:GLU:H	1	0.14
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:6:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:C	2:B:6:GLU:N	1	0.14
(2,3)	1:A:44:ALA:C	2:B:6:GLU:O	1	0.14
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:C	2:B:6:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:7:GLU:C	1	0.14
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:C	2:B:7:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:C	2:B:7:GLU:H	1	0.14
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG2	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:7:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:C	2:B:7:GLU:N	1	0.14
(2,3)	1:A:44:ALA:C	2:B:7:GLU:O	1	0.14
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:C	2:B:7:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:8:GLU:C	1	0.14
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:C	2:B:8:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:C	2:B:8:GLU:H	1	0.14
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:8:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:C	2:B:8:GLU:N	1	0.14
(2,3)	1:A:44:ALA:C	2:B:8:GLU:O	1	0.14
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:C	2:B:8:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:9:GLY:C	1	0.14
(2,3)	1:A:44:ALA:C	2:B:9:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:C	2:B:9:GLY:H	1	0.14
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:9:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:C	2:B:9:GLY:N	1	0.14
(2,3)	1:A:44:ALA:C	2:B:9:GLY:O	1	0.14
(2,3)	1:A:44:ALA:C	2:B:10:GLU:C	1	0.14
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:C	2:B:10:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:C	2:B:10:GLU:H	1	0.14
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:10:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:C	2:B:10:GLU:N	1	0.14
(2,3)	1:A:44:ALA:C	2:B:10:GLU:O	1	0.14
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:C	2:B:10:GLU:OE2	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:C	2:B:11:GLU:C	1	0.14
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:C	2:B:11:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:C	2:B:11:GLU:H	1	0.14
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:11:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:C	2:B:11:GLU:N	1	0.14
(2,3)	1:A:44:ALA:C	2:B:11:GLU:O	1	0.14
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:C	2:B:11:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:12:TYR:C	1	0.14
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CA	1	0.14
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CB	1	0.14
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD1	1	0.14
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CD2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE1	1	0.14
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CE2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CG	1	0.14
(2,3)	1:A:44:ALA:C	2:B:12:TYR:CZ	1	0.14
(2,3)	1:A:44:ALA:C	2:B:12:TYR:H	1	0.14
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HA	1	0.14
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HB3	1	0.14
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD1	1	0.14
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HD2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE1	1	0.14
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HE2	1	0.14
(2,3)	1:A:44:ALA:C	2:B:12:TYR:HH	1	0.14
(2,3)	1:A:44:ALA:C	2:B:12:TYR:N	1	0.14
(2,3)	1:A:44:ALA:C	2:B:12:TYR:O	1	0.14
(2,3)	1:A:44:ALA:C	2:B:12:TYR:OH	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:C	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:H	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:N	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:3:GLY:O	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:C	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:H	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:N	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:O	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:4:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:C	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:H	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:N	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:5:GLY:O	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:C	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:H	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:N	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:O	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:6:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:C	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CD	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:H	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:N	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:O	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:7:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:C	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:H	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:N	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:O	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:8:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:C	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:H	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:N	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:9:GLY:O	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:C	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:H	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HB3	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:N	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:O	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:10:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:C	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:H	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:N	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:O	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:11:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:C	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CA	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CB	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD1	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CD2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE1	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CE2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CG	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:CZ	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:H	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HA	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HB3	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD1	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HD2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE1	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HE2	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:HH	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:N	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:O	1	0.14
(2,3)	1:A:44:ALA:CA	2:B:12:TYR:OH	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:C	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:H	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:N	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:3:GLY:O	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:C	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:H	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:N	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:O	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:4:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:C	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:H	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:N	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:5:GLY:O	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:C	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:H	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:N	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:O	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:6:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:C	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:H	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:N	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:O	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:7:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:C	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:H	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:N	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:O	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:8:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:C	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:H	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:N	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:9:GLY:O	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:C	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CB	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:H	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:N	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:O	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:10:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:C	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:H	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:N	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:O	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:11:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:C	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CA	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CB	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD1	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CD2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE1	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CE2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CG	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:CZ	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:H	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HA	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HB3	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD1	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HD2	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE1	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HE2	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:HH	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:N	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:O	1	0.14
(2,3)	1:A:44:ALA:CB	2:B:12:TYR:OH	1	0.14
(2,3)	1:A:44:ALA:H	2:B:3:GLY:C	1	0.14
(2,3)	1:A:44:ALA:H	2:B:3:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:H	2:B:3:GLY:H	1	0.14
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:3:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:H	2:B:3:GLY:N	1	0.14
(2,3)	1:A:44:ALA:H	2:B:3:GLY:O	1	0.14
(2,3)	1:A:44:ALA:H	2:B:4:GLU:C	1	0.14
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:H	2:B:4:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:H	2:B:4:GLU:H	1	0.14
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:4:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:H	2:B:4:GLU:N	1	0.14
(2,3)	1:A:44:ALA:H	2:B:4:GLU:O	1	0.14
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:H	2:B:4:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:5:GLY:C	1	0.14
(2,3)	1:A:44:ALA:H	2:B:5:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:H	2:B:5:GLY:H	1	0.14
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:5:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:H	2:B:5:GLY:N	1	0.14
(2,3)	1:A:44:ALA:H	2:B:5:GLY:O	1	0.14
(2,3)	1:A:44:ALA:H	2:B:6:GLU:C	1	0.14
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:H	2:B:6:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:H	2:B:6:GLU:H	1	0.14
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HA	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:6:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:H	2:B:6:GLU:N	1	0.14
(2,3)	1:A:44:ALA:H	2:B:6:GLU:O	1	0.14
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:H	2:B:6:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:7:GLU:C	1	0.14
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:H	2:B:7:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:H	2:B:7:GLU:H	1	0.14
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:7:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:H	2:B:7:GLU:N	1	0.14
(2,3)	1:A:44:ALA:H	2:B:7:GLU:O	1	0.14
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:H	2:B:7:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:8:GLU:C	1	0.14
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:H	2:B:8:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:H	2:B:8:GLU:H	1	0.14
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:8:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:H	2:B:8:GLU:N	1	0.14
(2,3)	1:A:44:ALA:H	2:B:8:GLU:O	1	0.14
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:H	2:B:8:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:9:GLY:C	1	0.14
(2,3)	1:A:44:ALA:H	2:B:9:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:H	2:B:9:GLY:H	1	0.14
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA2	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:9:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:H	2:B:9:GLY:N	1	0.14
(2,3)	1:A:44:ALA:H	2:B:9:GLY:O	1	0.14
(2,3)	1:A:44:ALA:H	2:B:10:GLU:C	1	0.14
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:H	2:B:10:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:H	2:B:10:GLU:H	1	0.14
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:10:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:H	2:B:10:GLU:N	1	0.14
(2,3)	1:A:44:ALA:H	2:B:10:GLU:O	1	0.14
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:H	2:B:10:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:11:GLU:C	1	0.14
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:H	2:B:11:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:H	2:B:11:GLU:H	1	0.14
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:11:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:H	2:B:11:GLU:N	1	0.14
(2,3)	1:A:44:ALA:H	2:B:11:GLU:O	1	0.14
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:H	2:B:11:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:12:TYR:C	1	0.14
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CA	1	0.14
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CB	1	0.14
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD1	1	0.14
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CD2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE1	1	0.14
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CE2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CG	1	0.14
(2,3)	1:A:44:ALA:H	2:B:12:TYR:CZ	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:H	2:B:12:TYR:H	1	0.14
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HA	1	0.14
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HB3	1	0.14
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD1	1	0.14
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HD2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE1	1	0.14
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HE2	1	0.14
(2,3)	1:A:44:ALA:H	2:B:12:TYR:HH	1	0.14
(2,3)	1:A:44:ALA:H	2:B:12:TYR:N	1	0.14
(2,3)	1:A:44:ALA:H	2:B:12:TYR:O	1	0.14
(2,3)	1:A:44:ALA:H	2:B:12:TYR:OH	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:C	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:H	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:N	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:3:GLY:O	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:C	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:4:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:C	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:H	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:N	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:5:GLY:O	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:C	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:6:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:C	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:7:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:C	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:O	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:8:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:C	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:H	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:N	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:9:GLY:O	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:C	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:10:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:C	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:11:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:C	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CA	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CB	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD1	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CD2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE1	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CE2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CG	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:CZ	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:H	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HA	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HB3	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD1	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HD2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE1	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HE2	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:HH	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:N	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:O	1	0.14
(2,3)	1:A:44:ALA:HA	2:B:12:TYR:OH	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:C	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:H	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:N	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:3:GLY:O	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:C	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:4:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:C	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:CA	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:H	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:N	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:5:GLY:O	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:C	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:6:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:C	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:7:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:C	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HA	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:8:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:C	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:H	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:N	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:9:GLY:O	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:C	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:10:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:C	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:N	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:11:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:C	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CA	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CB	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD1	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CD2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE1	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CE2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CG	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:CZ	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:H	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HA	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HB3	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD1	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HD2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE1	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HE2	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:HH	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:N	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:O	1	0.14
(2,3)	1:A:44:ALA:HB1	2:B:12:TYR:OH	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:C	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:H	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:N	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:3:GLY:O	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:C	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:HG3	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:4:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:C	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:H	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:N	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:5:GLY:O	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:C	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:6:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:C	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:7:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:C	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:8:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:C	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:H	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:N	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:9:GLY:O	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:C	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:10:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:C	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:H	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:11:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:C	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CA	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CB	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD1	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CD2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE1	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CE2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CG	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:CZ	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:H	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HA	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HB3	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD1	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HD2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE1	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HE2	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:HH	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:N	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:O	1	0.14
(2,3)	1:A:44:ALA:HB2	2:B:12:TYR:OH	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:C	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:H	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:N	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:3:GLY:O	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:C	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:CG	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:4:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:C	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:H	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:N	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:5:GLY:O	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:C	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:6:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:C	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG2	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:7:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:C	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:8:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:C	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:H	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:N	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:9:GLY:O	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:C	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:10:GLU:OE2	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:C	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:H	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:N	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:O	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:11:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:C	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CA	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CB	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD1	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CD2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE1	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CE2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CG	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:CZ	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:H	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HA	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HB3	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD1	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HD2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE1	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HE2	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:HH	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:N	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:O	1	0.14
(2,3)	1:A:44:ALA:HB3	2:B:12:TYR:OH	1	0.14
(2,3)	1:A:44:ALA:N	2:B:3:GLY:C	1	0.14
(2,3)	1:A:44:ALA:N	2:B:3:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:N	2:B:3:GLY:H	1	0.14
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:3:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:N	2:B:3:GLY:N	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:3:GLY:O	1	0.14
(2,3)	1:A:44:ALA:N	2:B:4:GLU:C	1	0.14
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:N	2:B:4:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:N	2:B:4:GLU:H	1	0.14
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:4:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:N	2:B:4:GLU:N	1	0.14
(2,3)	1:A:44:ALA:N	2:B:4:GLU:O	1	0.14
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:N	2:B:4:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:5:GLY:C	1	0.14
(2,3)	1:A:44:ALA:N	2:B:5:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:N	2:B:5:GLY:H	1	0.14
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:5:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:N	2:B:5:GLY:N	1	0.14
(2,3)	1:A:44:ALA:N	2:B:5:GLY:O	1	0.14
(2,3)	1:A:44:ALA:N	2:B:6:GLU:C	1	0.14
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:N	2:B:6:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:N	2:B:6:GLU:H	1	0.14
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:6:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:N	2:B:6:GLU:N	1	0.14
(2,3)	1:A:44:ALA:N	2:B:6:GLU:O	1	0.14
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:N	2:B:6:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:7:GLU:C	1	0.14
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CD	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:7:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:N	2:B:7:GLU:H	1	0.14
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:7:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:N	2:B:7:GLU:N	1	0.14
(2,3)	1:A:44:ALA:N	2:B:7:GLU:O	1	0.14
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:N	2:B:7:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:8:GLU:C	1	0.14
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:N	2:B:8:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:N	2:B:8:GLU:H	1	0.14
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:8:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:N	2:B:8:GLU:N	1	0.14
(2,3)	1:A:44:ALA:N	2:B:8:GLU:O	1	0.14
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:N	2:B:8:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:9:GLY:C	1	0.14
(2,3)	1:A:44:ALA:N	2:B:9:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:N	2:B:9:GLY:H	1	0.14
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:9:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:N	2:B:9:GLY:N	1	0.14
(2,3)	1:A:44:ALA:N	2:B:9:GLY:O	1	0.14
(2,3)	1:A:44:ALA:N	2:B:10:GLU:C	1	0.14
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:N	2:B:10:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:N	2:B:10:GLU:H	1	0.14
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HB3	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:10:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:N	2:B:10:GLU:N	1	0.14
(2,3)	1:A:44:ALA:N	2:B:10:GLU:O	1	0.14
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:N	2:B:10:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:11:GLU:C	1	0.14
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:N	2:B:11:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:N	2:B:11:GLU:H	1	0.14
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:11:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:N	2:B:11:GLU:N	1	0.14
(2,3)	1:A:44:ALA:N	2:B:11:GLU:O	1	0.14
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:N	2:B:11:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:12:TYR:C	1	0.14
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CA	1	0.14
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CB	1	0.14
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD1	1	0.14
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CD2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE1	1	0.14
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CE2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CG	1	0.14
(2,3)	1:A:44:ALA:N	2:B:12:TYR:CZ	1	0.14
(2,3)	1:A:44:ALA:N	2:B:12:TYR:H	1	0.14
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HA	1	0.14
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HB3	1	0.14
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD1	1	0.14
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HD2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE1	1	0.14
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HE2	1	0.14
(2,3)	1:A:44:ALA:N	2:B:12:TYR:HH	1	0.14
(2,3)	1:A:44:ALA:N	2:B:12:TYR:N	1	0.14
(2,3)	1:A:44:ALA:N	2:B:12:TYR:O	1	0.14
(2,3)	1:A:44:ALA:N	2:B:12:TYR:OH	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:3:GLY:C	1	0.14
(2,3)	1:A:44:ALA:O	2:B:3:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:O	2:B:3:GLY:H	1	0.14
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:3:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:O	2:B:3:GLY:N	1	0.14
(2,3)	1:A:44:ALA:O	2:B:3:GLY:O	1	0.14
(2,3)	1:A:44:ALA:O	2:B:4:GLU:C	1	0.14
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:O	2:B:4:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:O	2:B:4:GLU:H	1	0.14
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:4:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:O	2:B:4:GLU:N	1	0.14
(2,3)	1:A:44:ALA:O	2:B:4:GLU:O	1	0.14
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:O	2:B:4:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:5:GLY:C	1	0.14
(2,3)	1:A:44:ALA:O	2:B:5:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:O	2:B:5:GLY:H	1	0.14
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:5:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:O	2:B:5:GLY:N	1	0.14
(2,3)	1:A:44:ALA:O	2:B:5:GLY:O	1	0.14
(2,3)	1:A:44:ALA:O	2:B:6:GLU:C	1	0.14
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:O	2:B:6:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:O	2:B:6:GLU:H	1	0.14
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:6:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:O	2:B:6:GLU:N	1	0.14
(2,3)	1:A:44:ALA:O	2:B:6:GLU:O	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:O	2:B:6:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:7:GLU:C	1	0.14
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:O	2:B:7:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:O	2:B:7:GLU:H	1	0.14
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:7:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:O	2:B:7:GLU:N	1	0.14
(2,3)	1:A:44:ALA:O	2:B:7:GLU:O	1	0.14
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:O	2:B:7:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:8:GLU:C	1	0.14
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:O	2:B:8:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:O	2:B:8:GLU:H	1	0.14
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:8:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:O	2:B:8:GLU:N	1	0.14
(2,3)	1:A:44:ALA:O	2:B:8:GLU:O	1	0.14
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:O	2:B:8:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:9:GLY:C	1	0.14
(2,3)	1:A:44:ALA:O	2:B:9:GLY:CA	1	0.14
(2,3)	1:A:44:ALA:O	2:B:9:GLY:H	1	0.14
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:9:GLY:HA3	1	0.14
(2,3)	1:A:44:ALA:O	2:B:9:GLY:N	1	0.14
(2,3)	1:A:44:ALA:O	2:B:9:GLY:O	1	0.14
(2,3)	1:A:44:ALA:O	2:B:10:GLU:C	1	0.14
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CB	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:O	2:B:10:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:O	2:B:10:GLU:H	1	0.14
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:10:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:O	2:B:10:GLU:N	1	0.14
(2,3)	1:A:44:ALA:O	2:B:10:GLU:O	1	0.14
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:O	2:B:10:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:11:GLU:C	1	0.14
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CA	1	0.14
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CB	1	0.14
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CD	1	0.14
(2,3)	1:A:44:ALA:O	2:B:11:GLU:CG	1	0.14
(2,3)	1:A:44:ALA:O	2:B:11:GLU:H	1	0.14
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HA	1	0.14
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HB3	1	0.14
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:11:GLU:HG3	1	0.14
(2,3)	1:A:44:ALA:O	2:B:11:GLU:N	1	0.14
(2,3)	1:A:44:ALA:O	2:B:11:GLU:O	1	0.14
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE1	1	0.14
(2,3)	1:A:44:ALA:O	2:B:11:GLU:OE2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:12:TYR:C	1	0.14
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CA	1	0.14
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CB	1	0.14
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD1	1	0.14
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CD2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE1	1	0.14
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CE2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CG	1	0.14
(2,3)	1:A:44:ALA:O	2:B:12:TYR:CZ	1	0.14
(2,3)	1:A:44:ALA:O	2:B:12:TYR:H	1	0.14
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HA	1	0.14
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HB3	1	0.14
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD1	1	0.14
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HD2	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE1	1	0.14
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HE2	1	0.14
(2,3)	1:A:44:ALA:O	2:B:12:TYR:HH	1	0.14
(2,3)	1:A:44:ALA:O	2:B:12:TYR:N	1	0.14
(2,3)	1:A:44:ALA:O	2:B:12:TYR:O	1	0.14
(2,3)	1:A:44:ALA:O	2:B:12:TYR:OH	1	0.14
(1,8)	1:A:43:LYS:HG3	2:B:4:GLU:HA	2	0.14
(1,47)	1:A:32:LEU:HG	2:B:10:GLU:HG2	1	0.14
(1,47)	1:A:32:LEU:HG	2:B:10:GLU:HG3	1	0.14
(1,47)	1:A:32:LEU:HG	2:B:10:GLU:HG2	9	0.14
(1,47)	1:A:32:LEU:HG	2:B:10:GLU:HG3	9	0.14
(1,47)	1:A:32:LEU:HG	2:B:10:GLU:HG2	17	0.14
(1,47)	1:A:32:LEU:HG	2:B:10:GLU:HG3	17	0.14
(1,43)	1:A:32:LEU:HG	2:B:10:GLU:HB2	20	0.14
(1,47)	1:A:32:LEU:HG	2:B:10:GLU:HG2	15	0.13
(1,47)	1:A:32:LEU:HG	2:B:10:GLU:HG3	15	0.13
(1,1)	1:A:39:LEU:HD11	2:B:5:GLY:HA2	16	0.13
(1,1)	1:A:39:LEU:HD11	2:B:5:GLY:HA3	16	0.13
(1,1)	1:A:39:LEU:HD12	2:B:5:GLY:HA2	16	0.13
(1,1)	1:A:39:LEU:HD12	2:B:5:GLY:HA3	16	0.13
(1,1)	1:A:39:LEU:HD13	2:B:5:GLY:HA2	16	0.13
(1,1)	1:A:39:LEU:HD13	2:B:5:GLY:HA3	16	0.13
(2,7)	2:B:5:GLY:C	1:A:10:LYS:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:10:LYS:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:10:LYS:N	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:10:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:C	1:A:10:LYS:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:11:TYR:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CB	14	0.12
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CZ	14	0.12
(2,7)	2:B:5:GLY:C	1:A:11:TYR:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HH	14	0.12
(2,7)	2:B:5:GLY:C	1:A:11:TYR:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:11:TYR:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:11:TYR:OH	14	0.12
(2,7)	2:B:5:GLY:C	1:A:12:LYS:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:12:LYS:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ3	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:12:LYS:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:12:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:C	1:A:12:LYS:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:16:LYS:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:16:LYS:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:16:LYS:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:16:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:C	1:A:16:LYS:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:24:LEU:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:24:LEU:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HG	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:24:LEU:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:24:LEU:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:27:GLY:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:27:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:27:GLY:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:27:GLY:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:27:GLY:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CB	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CD	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CZ	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HE	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH11	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH12	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH21	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH22	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NE	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:28:ARG:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:29:TYR:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CB	14	0.12
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CZ	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:29:TYR:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HH	14	0.12
(2,7)	2:B:5:GLY:C	1:A:29:TYR:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:29:TYR:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:29:TYR:OH	14	0.12
(2,7)	2:B:5:GLY:C	1:A:30:GLY:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:30:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:30:GLY:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:30:GLY:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:30:GLY:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:31:LYS:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:31:LYS:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:31:LYS:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:31:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:C	1:A:31:LYS:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:32:LEU:C	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:32:LEU:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:32:LEU:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:32:LEU:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:34:HIS:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CB	14	0.12
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CD2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CE1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:34:HIS:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HE1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:34:HIS:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:34:HIS:ND1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:34:HIS:NE2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:34:HIS:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:36:LEU:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:36:LEU:H	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:36:LEU:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:36:LEU:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:37:TYR:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CB	14	0.12
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CZ	14	0.12
(2,7)	2:B:5:GLY:C	1:A:37:TYR:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HH	14	0.12
(2,7)	2:B:5:GLY:C	1:A:37:TYR:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:37:TYR:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:37:TYR:OH	14	0.12
(2,7)	2:B:5:GLY:C	1:A:38:ASP:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CB	14	0.12
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:38:ASP:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:38:ASP:N	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:38:ASP:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:39:LEU:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:39:LEU:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:39:LEU:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:39:LEU:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:40:GLY:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:40:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:40:GLY:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:40:GLY:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:40:GLY:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:41:GLY:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:41:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:41:GLY:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:41:GLY:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:41:GLY:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:42:GLY:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:42:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:42:GLY:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:42:GLY:N	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:42:GLY:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:43:LYS:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:43:LYS:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:43:LYS:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:43:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:C	1:A:43:LYS:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:44:ALA:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CB	14	0.12
(2,7)	2:B:5:GLY:C	1:A:44:ALA:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:44:ALA:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:44:ALA:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:45:GLY:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:45:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:45:GLY:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:45:GLY:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:45:GLY:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:46:MET:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:46:MET:CA	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:46:MET:CB	14	0.12
(2,7)	2:B:5:GLY:C	1:A:46:MET:CE	14	0.12
(2,7)	2:B:5:GLY:C	1:A:46:MET:CG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:46:MET:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:46:MET:HA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:46:MET:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:46:MET:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:46:MET:SD	14	0.12
(2,7)	2:B:5:GLY:C	1:A:47:GLY:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:47:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:47:GLY:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:47:GLY:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:47:GLY:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:48:MET:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:48:MET:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:48:MET:CB	14	0.12
(2,7)	2:B:5:GLY:C	1:A:48:MET:CE	14	0.12
(2,7)	2:B:5:GLY:C	1:A:48:MET:CG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:48:MET:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:48:MET:HA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:48:MET:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:48:MET:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:48:MET:SD	14	0.12
(2,7)	2:B:5:GLY:C	1:A:50:SER:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:50:SER:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:50:SER:CB	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:50:SER:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:50:SER:HA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:50:SER:HG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:50:SER:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:50:SER:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:50:SER:OG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:51:GLU:C	14	0.12
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CB	14	0.12
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CD	14	0.12
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CG	14	0.12
(2,7)	2:B:5:GLY:C	1:A:51:GLU:H	14	0.12
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HA	14	0.12
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG2	14	0.12
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG3	14	0.12
(2,7)	2:B:5:GLY:C	1:A:51:GLU:N	14	0.12
(2,7)	2:B:5:GLY:C	1:A:51:GLU:O	14	0.12
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE1	14	0.12
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ3	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CB	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CG	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CZ	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HH	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:OH	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ2	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD23	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CB	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CD	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CG	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CZ	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HE	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH11	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH12	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH21	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH22	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NE	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CB	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CG	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CZ	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HH	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:OH	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:O	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CB	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CD2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CE1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CG	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HE1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:ND1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:NE2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CG	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CB	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CG	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CZ	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HH	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:OH	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CB	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CG	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB3	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA3	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CB	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:46:MET:C	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CB	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CE	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CG	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:46:MET:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:46:MET:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:46:MET:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:46:MET:SD	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:48:MET:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CB	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CE	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CG	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:48:MET:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:48:MET:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:48:MET:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:48:MET:SD	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:50:SER:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CA	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CB	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:50:SER:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HG	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:50:SER:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:50:SER:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:50:SER:OG	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:C	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CB	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CD	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CG	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:H	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HA	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG2	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG3	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:N	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:O	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE1	14	0.12
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:10:LYS:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:10:LYS:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ2	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:10:LYS:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:10:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:H	1:A:10:LYS:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:11:TYR:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CB	14	0.12
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CZ	14	0.12
(2,7)	2:B:5:GLY:H	1:A:11:TYR:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HH	14	0.12
(2,7)	2:B:5:GLY:H	1:A:11:TYR:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:11:TYR:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:11:TYR:OH	14	0.12
(2,7)	2:B:5:GLY:H	1:A:12:LYS:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:12:LYS:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ1	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:12:LYS:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:12:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:H	1:A:12:LYS:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:16:LYS:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:16:LYS:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:16:LYS:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:16:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:H	1:A:16:LYS:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:24:LEU:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:24:LEU:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD22	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:24:LEU:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:24:LEU:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:27:GLY:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:27:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:27:GLY:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:27:GLY:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:27:GLY:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CB	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CD	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CZ	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HE	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH11	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH12	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH21	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH22	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NE	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:28:ARG:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:29:TYR:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CB	14	0.12
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE2	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CZ	14	0.12
(2,7)	2:B:5:GLY:H	1:A:29:TYR:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HH	14	0.12
(2,7)	2:B:5:GLY:H	1:A:29:TYR:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:29:TYR:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:29:TYR:OH	14	0.12
(2,7)	2:B:5:GLY:H	1:A:30:GLY:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:30:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:30:GLY:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:30:GLY:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:30:GLY:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:31:LYS:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:31:LYS:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:31:LYS:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:31:LYS:NZ	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:31:LYS:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:32:LEU:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:32:LEU:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:32:LEU:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:32:LEU:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:34:HIS:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CB	14	0.12
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CD2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CE1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:34:HIS:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HE1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:34:HIS:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:34:HIS:ND1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:34:HIS:NE2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:34:HIS:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:36:LEU:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD2	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:36:LEU:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:36:LEU:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:36:LEU:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:37:TYR:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CB	14	0.12
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CZ	14	0.12
(2,7)	2:B:5:GLY:H	1:A:37:TYR:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HH	14	0.12
(2,7)	2:B:5:GLY:H	1:A:37:TYR:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:37:TYR:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:37:TYR:OH	14	0.12
(2,7)	2:B:5:GLY:H	1:A:38:ASP:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CB	14	0.12
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:38:ASP:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB2	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:38:ASP:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:38:ASP:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:39:LEU:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:39:LEU:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:39:LEU:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:39:LEU:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:40:GLY:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:40:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:40:GLY:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:40:GLY:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:40:GLY:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:41:GLY:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:41:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:41:GLY:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:41:GLY:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:41:GLY:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:42:GLY:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:42:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:42:GLY:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA2	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:42:GLY:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:42:GLY:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:43:LYS:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:43:LYS:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:43:LYS:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:43:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:H	1:A:43:LYS:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:44:ALA:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CB	14	0.12
(2,7)	2:B:5:GLY:H	1:A:44:ALA:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:44:ALA:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:44:ALA:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:45:GLY:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:45:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:45:GLY:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:45:GLY:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:45:GLY:O	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:46:MET:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:46:MET:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:46:MET:CB	14	0.12
(2,7)	2:B:5:GLY:H	1:A:46:MET:CE	14	0.12
(2,7)	2:B:5:GLY:H	1:A:46:MET:CG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:46:MET:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:46:MET:HA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:46:MET:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:46:MET:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:46:MET:SD	14	0.12
(2,7)	2:B:5:GLY:H	1:A:47:GLY:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:47:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:47:GLY:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:47:GLY:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:47:GLY:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:48:MET:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:48:MET:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:48:MET:CB	14	0.12
(2,7)	2:B:5:GLY:H	1:A:48:MET:CE	14	0.12
(2,7)	2:B:5:GLY:H	1:A:48:MET:CG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:48:MET:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:48:MET:HA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:48:MET:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:48:MET:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:48:MET:SD	14	0.12
(2,7)	2:B:5:GLY:H	1:A:50:SER:C	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:50:SER:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:50:SER:CB	14	0.12
(2,7)	2:B:5:GLY:H	1:A:50:SER:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:50:SER:HA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:50:SER:HG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:50:SER:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:50:SER:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:50:SER:OG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:51:GLU:C	14	0.12
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CB	14	0.12
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CD	14	0.12
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CG	14	0.12
(2,7)	2:B:5:GLY:H	1:A:51:GLU:H	14	0.12
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HA	14	0.12
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG2	14	0.12
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG3	14	0.12
(2,7)	2:B:5:GLY:H	1:A:51:GLU:N	14	0.12
(2,7)	2:B:5:GLY:H	1:A:51:GLU:O	14	0.12
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE1	14	0.12
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ1	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CB	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CZ	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HH	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:OH	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG3	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD21	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CB	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CD	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CZ	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HE	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH11	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH12	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH21	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH22	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NE	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CB	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE1	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CZ	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HH	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:OH	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:N	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CB	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CD2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CE1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HE1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:ND1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:NE2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD1	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CB	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CZ	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HH	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:OH	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CB	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HA	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:H	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CB	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:N	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CB	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CE	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:SD	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CB	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CE	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:SD	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CB	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:OG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:C	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CB	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CD	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CG	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:H	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HA	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG2	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG3	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:N	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:O	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE1	14	0.12
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG3	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CB	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CZ	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HH	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:OH	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG2	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD13	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CB	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CD	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CZ	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HE	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH11	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH12	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH21	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH22	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NE	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CB	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD2	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CZ	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HH	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:OH	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ3	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CB	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CD2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CE1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HE1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:ND1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:NE2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CB	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CB	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CZ	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HH	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:OH	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CB	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:H	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:CA	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CB	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA3	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CB	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CE	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:SD	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CB	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CE	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:O	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:SD	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CB	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:OG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:C	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CB	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CD	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CG	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:H	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HA	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG2	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG3	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:N	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:O	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE1	14	0.12
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:10:LYS:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:10:LYS:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG2	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:10:LYS:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:10:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:N	1:A:10:LYS:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:11:TYR:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CB	14	0.12
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CZ	14	0.12
(2,7)	2:B:5:GLY:N	1:A:11:TYR:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HH	14	0.12
(2,7)	2:B:5:GLY:N	1:A:11:TYR:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:11:TYR:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:11:TYR:OH	14	0.12
(2,7)	2:B:5:GLY:N	1:A:12:LYS:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:12:LYS:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE3	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:12:LYS:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:12:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:N	1:A:12:LYS:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:16:LYS:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:16:LYS:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:16:LYS:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:16:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:N	1:A:16:LYS:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:24:LEU:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:24:LEU:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD12	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:24:LEU:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:24:LEU:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:27:GLY:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:27:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:27:GLY:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:27:GLY:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:27:GLY:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CB	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CD	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CZ	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HE	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH11	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH12	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH21	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH22	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NE	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:28:ARG:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:29:TYR:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CB	14	0.12
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD1	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CZ	14	0.12
(2,7)	2:B:5:GLY:N	1:A:29:TYR:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HH	14	0.12
(2,7)	2:B:5:GLY:N	1:A:29:TYR:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:29:TYR:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:29:TYR:OH	14	0.12
(2,7)	2:B:5:GLY:N	1:A:30:GLY:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:30:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:30:GLY:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:30:GLY:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:30:GLY:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:31:LYS:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:31:LYS:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ2	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:31:LYS:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:31:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:N	1:A:31:LYS:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:32:LEU:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:32:LEU:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:32:LEU:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:32:LEU:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:34:HIS:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CB	14	0.12
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CD2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CE1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:34:HIS:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HE1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:34:HIS:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:34:HIS:ND1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:34:HIS:NE2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:34:HIS:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:36:LEU:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CA	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:36:LEU:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:36:LEU:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:36:LEU:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:37:TYR:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CB	14	0.12
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CZ	14	0.12
(2,7)	2:B:5:GLY:N	1:A:37:TYR:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HH	14	0.12
(2,7)	2:B:5:GLY:N	1:A:37:TYR:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:37:TYR:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:37:TYR:OH	14	0.12
(2,7)	2:B:5:GLY:N	1:A:38:ASP:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CB	14	0.12
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CG	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:38:ASP:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:38:ASP:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:38:ASP:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:39:LEU:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:39:LEU:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:39:LEU:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:39:LEU:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:40:GLY:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:40:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:40:GLY:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:40:GLY:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:40:GLY:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:41:GLY:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:41:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:41:GLY:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:41:GLY:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:41:GLY:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:42:GLY:C	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:42:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:42:GLY:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:42:GLY:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:42:GLY:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:43:LYS:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:43:LYS:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:43:LYS:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:43:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:N	1:A:43:LYS:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:44:ALA:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CB	14	0.12
(2,7)	2:B:5:GLY:N	1:A:44:ALA:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:44:ALA:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:44:ALA:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:45:GLY:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:45:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:45:GLY:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA2	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:45:GLY:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:45:GLY:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:46:MET:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:46:MET:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:46:MET:CB	14	0.12
(2,7)	2:B:5:GLY:N	1:A:46:MET:CE	14	0.12
(2,7)	2:B:5:GLY:N	1:A:46:MET:CG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:46:MET:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:46:MET:HA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:46:MET:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:46:MET:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:46:MET:SD	14	0.12
(2,7)	2:B:5:GLY:N	1:A:47:GLY:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:47:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:47:GLY:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:47:GLY:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:47:GLY:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:48:MET:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:48:MET:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:48:MET:CB	14	0.12
(2,7)	2:B:5:GLY:N	1:A:48:MET:CE	14	0.12
(2,7)	2:B:5:GLY:N	1:A:48:MET:CG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:48:MET:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:48:MET:HA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:48:MET:N	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:48:MET:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:48:MET:SD	14	0.12
(2,7)	2:B:5:GLY:N	1:A:50:SER:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:50:SER:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:50:SER:CB	14	0.12
(2,7)	2:B:5:GLY:N	1:A:50:SER:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:50:SER:HA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:50:SER:HG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:50:SER:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:50:SER:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:50:SER:OG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:51:GLU:C	14	0.12
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CB	14	0.12
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CD	14	0.12
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CG	14	0.12
(2,7)	2:B:5:GLY:N	1:A:51:GLU:H	14	0.12
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HA	14	0.12
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG2	14	0.12
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG3	14	0.12
(2,7)	2:B:5:GLY:N	1:A:51:GLU:N	14	0.12
(2,7)	2:B:5:GLY:N	1:A:51:GLU:O	14	0.12
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE1	14	0.12
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:10:LYS:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:10:LYS:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE3	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:10:LYS:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:10:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:O	1:A:10:LYS:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:11:TYR:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CB	14	0.12
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CZ	14	0.12
(2,7)	2:B:5:GLY:O	1:A:11:TYR:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HH	14	0.12
(2,7)	2:B:5:GLY:O	1:A:11:TYR:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:11:TYR:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:11:TYR:OH	14	0.12
(2,7)	2:B:5:GLY:O	1:A:12:LYS:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:12:LYS:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE2	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:12:LYS:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:12:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:O	1:A:12:LYS:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:16:LYS:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:16:LYS:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:16:LYS:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:16:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:O	1:A:16:LYS:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:24:LEU:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:24:LEU:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD11	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:24:LEU:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:24:LEU:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:27:GLY:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:27:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:27:GLY:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:27:GLY:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:27:GLY:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CB	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CD	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CZ	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HE	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH11	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH12	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH21	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH22	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NE	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:28:ARG:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:29:TYR:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CB	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CZ	14	0.12
(2,7)	2:B:5:GLY:O	1:A:29:TYR:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HH	14	0.12
(2,7)	2:B:5:GLY:O	1:A:29:TYR:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:29:TYR:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:29:TYR:OH	14	0.12
(2,7)	2:B:5:GLY:O	1:A:30:GLY:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:30:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:30:GLY:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:30:GLY:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:30:GLY:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:31:LYS:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:31:LYS:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ1	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:31:LYS:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:31:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:O	1:A:31:LYS:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:32:LEU:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:32:LEU:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:32:LEU:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:32:LEU:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:34:HIS:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CB	14	0.12
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CD2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CE1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:34:HIS:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HE1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:34:HIS:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:34:HIS:ND1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:34:HIS:NE2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:34:HIS:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:36:LEU:C	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:36:LEU:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:36:LEU:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:36:LEU:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:37:TYR:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CB	14	0.12
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CZ	14	0.12
(2,7)	2:B:5:GLY:O	1:A:37:TYR:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HH	14	0.12
(2,7)	2:B:5:GLY:O	1:A:37:TYR:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:37:TYR:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:37:TYR:OH	14	0.12
(2,7)	2:B:5:GLY:O	1:A:38:ASP:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CB	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:38:ASP:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:38:ASP:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:38:ASP:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:39:LEU:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CB	14	0.12
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:39:LEU:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD11	14	0.12
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD12	14	0.12
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD13	14	0.12
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD21	14	0.12
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD22	14	0.12
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD23	14	0.12
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:39:LEU:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:39:LEU:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:40:GLY:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:40:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:40:GLY:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:40:GLY:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:40:GLY:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:41:GLY:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:41:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:41:GLY:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:41:GLY:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:41:GLY:O	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:42:GLY:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:42:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:42:GLY:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:42:GLY:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:42:GLY:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:43:LYS:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CB	14	0.12
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CD	14	0.12
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CE	14	0.12
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:43:LYS:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:43:LYS:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:43:LYS:NZ	14	0.12
(2,7)	2:B:5:GLY:O	1:A:43:LYS:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:44:ALA:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CB	14	0.12
(2,7)	2:B:5:GLY:O	1:A:44:ALA:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:44:ALA:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:44:ALA:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:45:GLY:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:45:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:45:GLY:H	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:45:GLY:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:45:GLY:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:46:MET:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:46:MET:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:46:MET:CB	14	0.12
(2,7)	2:B:5:GLY:O	1:A:46:MET:CE	14	0.12
(2,7)	2:B:5:GLY:O	1:A:46:MET:CG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:46:MET:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:46:MET:HA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:46:MET:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:46:MET:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:46:MET:SD	14	0.12
(2,7)	2:B:5:GLY:O	1:A:47:GLY:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:47:GLY:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:47:GLY:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:47:GLY:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:47:GLY:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:48:MET:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:48:MET:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:48:MET:CB	14	0.12
(2,7)	2:B:5:GLY:O	1:A:48:MET:CE	14	0.12
(2,7)	2:B:5:GLY:O	1:A:48:MET:CG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:48:MET:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:48:MET:HA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG3	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:48:MET:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:48:MET:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:48:MET:SD	14	0.12
(2,7)	2:B:5:GLY:O	1:A:50:SER:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:50:SER:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:50:SER:CB	14	0.12
(2,7)	2:B:5:GLY:O	1:A:50:SER:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:50:SER:HA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:50:SER:HG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:50:SER:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:50:SER:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:50:SER:OG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:51:GLU:C	14	0.12
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CB	14	0.12
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CD	14	0.12
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CG	14	0.12
(2,7)	2:B:5:GLY:O	1:A:51:GLU:H	14	0.12
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HA	14	0.12
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG2	14	0.12
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG3	14	0.12
(2,7)	2:B:5:GLY:O	1:A:51:GLU:N	14	0.12
(2,7)	2:B:5:GLY:O	1:A:51:GLU:O	14	0.12
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE1	14	0.12
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE2	14	0.12
(1,8)	1:A:43:LYS:HG3	2:B:4:GLU:HA	19	0.12
(1,47)	1:A:32:LEU:HG	2:B:10:GLU:HG2	6	0.12
(1,47)	1:A:32:LEU:HG	2:B:10:GLU:HG3	6	0.12
(1,47)	1:A:32:LEU:HG	2:B:10:GLU:HG2	19	0.12
(1,47)	1:A:32:LEU:HG	2:B:10:GLU:HG3	19	0.12
(1,23)	1:A:11:TYR:HE1	2:B:8:GLU:HA	9	0.12
(1,23)	1:A:11:TYR:HE2	2:B:8:GLU:HA	9	0.12
(1,11)	1:A:43:LYS:HG3	2:B:4:GLU:HB2	2	0.12
(1,11)	1:A:43:LYS:HG3	2:B:4:GLU:HB3	2	0.12
(2,7)	2:B:5:GLY:C	1:A:10:LYS:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CD	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:C	1:A:10:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:10:LYS:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:10:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:10:LYS:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:10:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:C	1:A:10:LYS:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:11:TYR:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CB	9	0.11
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CD2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CE2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:11:TYR:CZ	9	0.11
(2,7)	2:B:5:GLY:C	1:A:11:TYR:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HB3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HD2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HE2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:11:TYR:HH	9	0.11
(2,7)	2:B:5:GLY:C	1:A:11:TYR:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:11:TYR:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:11:TYR:OH	9	0.11
(2,7)	2:B:5:GLY:C	1:A:12:LYS:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CB	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:C	1:A:12:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:12:LYS:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:12:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:12:LYS:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:12:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:C	1:A:12:LYS:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:16:LYS:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:C	1:A:16:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:16:LYS:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:16:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:16:LYS:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:16:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:C	1:A:16:LYS:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:24:LEU:C	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:24:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:24:LEU:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:C	1:A:24:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:24:LEU:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:24:LEU:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:27:GLY:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:27:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:27:GLY:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:27:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:27:GLY:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:27:GLY:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CB	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CD	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:CZ	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HB3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HD3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HE	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HG3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH11	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH12	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH21	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:HH22	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NE	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:NH2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:28:ARG:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:29:TYR:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CB	9	0.11
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CD2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CE2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:29:TYR:CZ	9	0.11
(2,7)	2:B:5:GLY:C	1:A:29:TYR:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HB3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HD2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HE2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:29:TYR:HH	9	0.11
(2,7)	2:B:5:GLY:C	1:A:29:TYR:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:29:TYR:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:29:TYR:OH	9	0.11
(2,7)	2:B:5:GLY:C	1:A:30:GLY:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:30:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:30:GLY:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:30:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:30:GLY:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:30:GLY:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:31:LYS:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:C	1:A:31:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:31:LYS:H	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:31:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:31:LYS:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:31:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:C	1:A:31:LYS:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:32:LEU:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:32:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:32:LEU:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:C	1:A:32:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:32:LEU:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:32:LEU:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:34:HIS:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CB	9	0.11
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CD2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CE1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:34:HIS:CG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:34:HIS:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HA	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HB3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HD2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:34:HIS:HE1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:34:HIS:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:34:HIS:ND1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:34:HIS:NE2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:34:HIS:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:36:LEU:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:36:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:36:LEU:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:C	1:A:36:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:36:LEU:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:36:LEU:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:37:TYR:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CB	9	0.11
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CD2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CE2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:37:TYR:CZ	9	0.11
(2,7)	2:B:5:GLY:C	1:A:37:TYR:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HB3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD1	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HD2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HE2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:37:TYR:HH	9	0.11
(2,7)	2:B:5:GLY:C	1:A:37:TYR:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:37:TYR:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:37:TYR:OH	9	0.11
(2,7)	2:B:5:GLY:C	1:A:38:ASP:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CB	9	0.11
(2,7)	2:B:5:GLY:C	1:A:38:ASP:CG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:38:ASP:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:38:ASP:HB3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:38:ASP:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:38:ASP:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:38:ASP:OD2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:39:LEU:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:39:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:39:LEU:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:C	1:A:39:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:39:LEU:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:39:LEU:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:40:GLY:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:40:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:40:GLY:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA2	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:40:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:40:GLY:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:40:GLY:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:41:GLY:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:41:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:41:GLY:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:41:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:41:GLY:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:41:GLY:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:42:GLY:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:42:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:42:GLY:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:42:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:42:GLY:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:42:GLY:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:43:LYS:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:C	1:A:43:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:43:LYS:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:43:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:43:LYS:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:43:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:C	1:A:43:LYS:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:44:ALA:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:44:ALA:CB	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:44:ALA:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:44:ALA:HB3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:44:ALA:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:44:ALA:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:45:GLY:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:45:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:45:GLY:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:45:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:45:GLY:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:45:GLY:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:46:MET:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:46:MET:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:46:MET:CB	9	0.11
(2,7)	2:B:5:GLY:C	1:A:46:MET:CE	9	0.11
(2,7)	2:B:5:GLY:C	1:A:46:MET:CG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:46:MET:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:46:MET:HA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:46:MET:HB3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:46:MET:HE3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:46:MET:HG3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:46:MET:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:46:MET:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:46:MET:SD	9	0.11
(2,7)	2:B:5:GLY:C	1:A:47:GLY:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:47:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:47:GLY:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:47:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:47:GLY:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:47:GLY:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:48:MET:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:48:MET:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:48:MET:CB	9	0.11
(2,7)	2:B:5:GLY:C	1:A:48:MET:CE	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:C	1:A:48:MET:CG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:48:MET:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:48:MET:HA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:48:MET:HB3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:48:MET:HE3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:48:MET:HG3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:48:MET:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:48:MET:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:48:MET:SD	9	0.11
(2,7)	2:B:5:GLY:C	1:A:50:SER:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:50:SER:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:50:SER:CB	9	0.11
(2,7)	2:B:5:GLY:C	1:A:50:SER:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:50:SER:HA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:50:SER:HB3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:50:SER:HG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:50:SER:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:50:SER:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:50:SER:OG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:51:GLU:C	9	0.11
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CB	9	0.11
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CD	9	0.11
(2,7)	2:B:5:GLY:C	1:A:51:GLU:CG	9	0.11
(2,7)	2:B:5:GLY:C	1:A:51:GLU:H	9	0.11
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HA	9	0.11
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HB3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG2	9	0.11
(2,7)	2:B:5:GLY:C	1:A:51:GLU:HG3	9	0.11
(2,7)	2:B:5:GLY:C	1:A:51:GLU:N	9	0.11
(2,7)	2:B:5:GLY:C	1:A:51:GLU:O	9	0.11
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE1	9	0.11
(2,7)	2:B:5:GLY:C	1:A:51:GLU:OE2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CB	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:10:LYS:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CB	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CD2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CE2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:CZ	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HB3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HD2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HE2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:HH	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:11:TYR:OH	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CA	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:12:LYS:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:16:LYS:O	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:24:LEU:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:27:GLY:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CB	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CD	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:CZ	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HB3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HD3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HE	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HG3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH11	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH12	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH21	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:HH22	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NE	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:NH2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:28:ARG:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CB	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CD2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CE2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:CZ	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HB3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HD2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HE2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:HH	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:29:TYR:OH	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:30:GLY:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:CG	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:31:LYS:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:32:LEU:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CB	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CD2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CE1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:CG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:H	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HB3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HD2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:HE1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:ND1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:NE2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:34:HIS:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:36:LEU:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CB	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CD2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CE2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:CZ	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HB3	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HD2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HE2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:HH	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:37:TYR:OH	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CB	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:CG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:HB3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:38:ASP:OD2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:39:LEU:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:H	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:40:GLY:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:41:GLY:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:42:GLY:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:43:LYS:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CA	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:CB	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:HB3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:44:ALA:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:45:GLY:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:46:MET:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CB	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CE	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:46:MET:CG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:46:MET:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HB3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HE3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:46:MET:HG3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:46:MET:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:46:MET:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:46:MET:SD	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:47:GLY:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:48:MET:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CB	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CE	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:48:MET:CG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:48:MET:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HB3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HE3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:48:MET:HG3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:48:MET:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:48:MET:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:48:MET:SD	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:50:SER:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:50:SER:CB	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:50:SER:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HB3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:50:SER:HG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:50:SER:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:50:SER:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:50:SER:OG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:C	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CB	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CD	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:CG	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:H	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HA	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HB3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG2	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:HG3	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:N	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:O	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE1	9	0.11
(2,7)	2:B:5:GLY:CA	1:A:51:GLU:OE2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:10:LYS:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CA	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:H	1:A:10:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:10:LYS:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:10:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:10:LYS:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:10:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:H	1:A:10:LYS:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:11:TYR:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CB	9	0.11
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CD2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CE2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:11:TYR:CZ	9	0.11
(2,7)	2:B:5:GLY:H	1:A:11:TYR:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HB3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HD2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HE2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:11:TYR:HH	9	0.11
(2,7)	2:B:5:GLY:H	1:A:11:TYR:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:11:TYR:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:11:TYR:OH	9	0.11
(2,7)	2:B:5:GLY:H	1:A:12:LYS:C	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:H	1:A:12:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:12:LYS:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:12:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:12:LYS:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:12:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:H	1:A:12:LYS:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:16:LYS:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:H	1:A:16:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:16:LYS:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:16:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:16:LYS:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:16:LYS:NZ	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:16:LYS:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:24:LEU:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:24:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:24:LEU:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:H	1:A:24:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:24:LEU:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:24:LEU:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:27:GLY:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:27:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:27:GLY:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:27:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:27:GLY:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:27:GLY:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CB	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CD	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:CZ	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HB3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HD3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HE	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HG3	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH11	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH12	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH21	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:HH22	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NE	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:NH2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:28:ARG:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:29:TYR:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CB	9	0.11
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CD2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CE2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:29:TYR:CZ	9	0.11
(2,7)	2:B:5:GLY:H	1:A:29:TYR:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HB3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HD2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HE2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:29:TYR:HH	9	0.11
(2,7)	2:B:5:GLY:H	1:A:29:TYR:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:29:TYR:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:29:TYR:OH	9	0.11
(2,7)	2:B:5:GLY:H	1:A:30:GLY:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:30:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:30:GLY:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:30:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:30:GLY:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:30:GLY:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:31:LYS:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CE	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:31:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:31:LYS:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:31:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:31:LYS:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:31:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:H	1:A:31:LYS:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:32:LEU:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:32:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:32:LEU:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:H	1:A:32:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:32:LEU:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:32:LEU:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:34:HIS:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CB	9	0.11
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CD2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CE1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:34:HIS:CG	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:34:HIS:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HB3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HD2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:34:HIS:HE1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:34:HIS:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:34:HIS:ND1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:34:HIS:NE2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:34:HIS:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:36:LEU:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:36:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:36:LEU:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:H	1:A:36:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:36:LEU:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:36:LEU:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:37:TYR:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CB	9	0.11
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CD2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CE2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:37:TYR:CZ	9	0.11
(2,7)	2:B:5:GLY:H	1:A:37:TYR:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB2	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HB3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HD2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HE2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:37:TYR:HH	9	0.11
(2,7)	2:B:5:GLY:H	1:A:37:TYR:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:37:TYR:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:37:TYR:OH	9	0.11
(2,7)	2:B:5:GLY:H	1:A:38:ASP:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CB	9	0.11
(2,7)	2:B:5:GLY:H	1:A:38:ASP:CG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:38:ASP:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:38:ASP:HB3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:38:ASP:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:38:ASP:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:38:ASP:OD2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:39:LEU:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:39:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:39:LEU:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:H	1:A:39:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:39:LEU:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:39:LEU:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:40:GLY:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:40:GLY:CA	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:40:GLY:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:40:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:40:GLY:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:40:GLY:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:41:GLY:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:41:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:41:GLY:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:41:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:41:GLY:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:41:GLY:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:42:GLY:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:42:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:42:GLY:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:42:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:42:GLY:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:42:GLY:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:43:LYS:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:H	1:A:43:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:43:LYS:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:43:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:43:LYS:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:43:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:H	1:A:43:LYS:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:44:ALA:C	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:44:ALA:CB	9	0.11
(2,7)	2:B:5:GLY:H	1:A:44:ALA:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:44:ALA:HB3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:44:ALA:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:44:ALA:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:45:GLY:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:45:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:45:GLY:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:45:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:45:GLY:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:45:GLY:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:46:MET:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:46:MET:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:46:MET:CB	9	0.11
(2,7)	2:B:5:GLY:H	1:A:46:MET:CE	9	0.11
(2,7)	2:B:5:GLY:H	1:A:46:MET:CG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:46:MET:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:46:MET:HA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:46:MET:HB3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:46:MET:HE3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:46:MET:HG3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:46:MET:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:46:MET:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:46:MET:SD	9	0.11
(2,7)	2:B:5:GLY:H	1:A:47:GLY:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:47:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:47:GLY:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:47:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:47:GLY:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:47:GLY:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:48:MET:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:48:MET:CA	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:H	1:A:48:MET:CB	9	0.11
(2,7)	2:B:5:GLY:H	1:A:48:MET:CE	9	0.11
(2,7)	2:B:5:GLY:H	1:A:48:MET:CG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:48:MET:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:48:MET:HA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:48:MET:HB3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:48:MET:HE3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:48:MET:HG3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:48:MET:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:48:MET:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:48:MET:SD	9	0.11
(2,7)	2:B:5:GLY:H	1:A:50:SER:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:50:SER:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:50:SER:CB	9	0.11
(2,7)	2:B:5:GLY:H	1:A:50:SER:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:50:SER:HA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:50:SER:HB3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:50:SER:HG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:50:SER:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:50:SER:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:50:SER:OG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:51:GLU:C	9	0.11
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CB	9	0.11
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CD	9	0.11
(2,7)	2:B:5:GLY:H	1:A:51:GLU:CG	9	0.11
(2,7)	2:B:5:GLY:H	1:A:51:GLU:H	9	0.11
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HA	9	0.11
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HB3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG2	9	0.11
(2,7)	2:B:5:GLY:H	1:A:51:GLU:HG3	9	0.11
(2,7)	2:B:5:GLY:H	1:A:51:GLU:N	9	0.11
(2,7)	2:B:5:GLY:H	1:A:51:GLU:O	9	0.11
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE1	9	0.11
(2,7)	2:B:5:GLY:H	1:A:51:GLU:OE2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:C	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:10:LYS:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CB	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CD2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CE2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:CZ	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HB3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HD2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HE2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:HH	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:11:TYR:OH	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:12:LYS:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:N	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:16:LYS:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:24:LEU:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:27:GLY:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CB	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CD	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:CZ	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HB3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HD3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HE	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG2	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HG3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH11	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH12	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH21	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:HH22	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NE	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:NH2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:28:ARG:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CB	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CD2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CE2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:CZ	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HB3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HD2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HE2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:HH	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:29:TYR:OH	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:30:GLY:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CD	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:31:LYS:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:32:LEU:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CB	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CD2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CE1	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:CG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HB3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HD2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:HE1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:ND1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:NE2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:34:HIS:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:36:LEU:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CB	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CD2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CE2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:CZ	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HA	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HB3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HD2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HE2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:HH	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:37:TYR:OH	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CB	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:CG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:HB3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:38:ASP:OD2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:39:LEU:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:C	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:40:GLY:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:41:GLY:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:42:GLY:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:43:LYS:O	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:CB	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:HB3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:44:ALA:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:45:GLY:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CB	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CE	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:CG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HB3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HE3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:HG3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:46:MET:SD	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:47:GLY:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:C	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CB	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CE	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:CG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HB3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HE3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:HG3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:48:MET:SD	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:CB	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HB3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:HG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:50:SER:OG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:C	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CB	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CD	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:CG	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:H	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HA	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HB3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG2	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:HG3	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:N	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:O	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE1	9	0.11
(2,7)	2:B:5:GLY:HA2	1:A:51:GLU:OE2	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:10:LYS:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CB	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CD2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CE2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:CZ	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HB3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HD2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HE2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:HH	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:O	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:11:TYR:OH	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:12:LYS:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:HZ3	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:16:LYS:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:24:LEU:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:27:GLY:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CB	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CD	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:CZ	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HB3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HD3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HE	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HG3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH11	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH12	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH21	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:HH22	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NE	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:NH2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:28:ARG:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CB	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CD2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CE2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:CZ	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HB3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HD2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HE2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:HH	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:29:TYR:OH	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:30:GLY:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CB	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:31:LYS:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:32:LEU:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CB	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CD2	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CE1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:CG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HB3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HD2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:HE1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:ND1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:NE2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:34:HIS:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:36:LEU:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CB	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CD2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CE2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:CZ	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:H	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HB3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HD2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HE2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:HH	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:37:TYR:OH	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CB	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:CG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:HB3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:38:ASP:OD2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:39:LEU:O	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:40:GLY:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:41:GLY:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:42:GLY:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:NZ	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:43:LYS:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:CB	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:HB3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:44:ALA:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:45:GLY:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CB	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CE	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:CG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HB3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HE3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:HG3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:46:MET:SD	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:47:GLY:O	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CB	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CE	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:CG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HB3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE1	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HE3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:HG3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:48:MET:SD	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:CB	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HB3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:HG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:50:SER:OG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:C	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CB	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CD	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:CG	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:H	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HA	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HB3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG2	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:HG3	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:N	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:O	9	0.11
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE1	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:HA3	1:A:51:GLU:OE2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:10:LYS:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:N	1:A:10:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:10:LYS:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:10:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:10:LYS:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:10:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:N	1:A:10:LYS:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:11:TYR:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CB	9	0.11
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CD2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CE2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:11:TYR:CZ	9	0.11
(2,7)	2:B:5:GLY:N	1:A:11:TYR:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HB3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HD2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HE2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:11:TYR:HH	9	0.11
(2,7)	2:B:5:GLY:N	1:A:11:TYR:N	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:11:TYR:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:11:TYR:OH	9	0.11
(2,7)	2:B:5:GLY:N	1:A:12:LYS:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:N	1:A:12:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:12:LYS:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:12:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:12:LYS:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:12:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:N	1:A:12:LYS:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:16:LYS:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:N	1:A:16:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:16:LYS:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ2	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:16:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:16:LYS:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:16:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:N	1:A:16:LYS:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:24:LEU:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:24:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:24:LEU:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:N	1:A:24:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:24:LEU:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:24:LEU:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:27:GLY:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:27:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:27:GLY:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:27:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:27:GLY:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:27:GLY:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CB	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CD	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:CZ	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HB3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HD3	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HE	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HG3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH11	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH12	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH21	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:HH22	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NE	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:NH2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:28:ARG:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:29:TYR:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CB	9	0.11
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CD2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CE2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:29:TYR:CZ	9	0.11
(2,7)	2:B:5:GLY:N	1:A:29:TYR:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HB3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HD2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HE2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:29:TYR:HH	9	0.11
(2,7)	2:B:5:GLY:N	1:A:29:TYR:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:29:TYR:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:29:TYR:OH	9	0.11
(2,7)	2:B:5:GLY:N	1:A:30:GLY:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:30:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:30:GLY:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:30:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:30:GLY:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:30:GLY:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:31:LYS:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CA	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:N	1:A:31:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:31:LYS:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:31:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:31:LYS:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:31:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:N	1:A:31:LYS:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:32:LEU:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:32:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:32:LEU:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:N	1:A:32:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:32:LEU:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:32:LEU:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:34:HIS:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CB	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CD2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CE1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:34:HIS:CG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:34:HIS:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HB3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HD2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:34:HIS:HE1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:34:HIS:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:34:HIS:ND1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:34:HIS:NE2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:34:HIS:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:36:LEU:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:36:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:36:LEU:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:N	1:A:36:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:36:LEU:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:36:LEU:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:37:TYR:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CB	9	0.11
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CD2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CE2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:37:TYR:CZ	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:37:TYR:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HB3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HD2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HE2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:37:TYR:HH	9	0.11
(2,7)	2:B:5:GLY:N	1:A:37:TYR:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:37:TYR:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:37:TYR:OH	9	0.11
(2,7)	2:B:5:GLY:N	1:A:38:ASP:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CB	9	0.11
(2,7)	2:B:5:GLY:N	1:A:38:ASP:CG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:38:ASP:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:38:ASP:HB3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:38:ASP:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:38:ASP:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:38:ASP:OD2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:39:LEU:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:39:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:39:LEU:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:N	1:A:39:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:39:LEU:N	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:39:LEU:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:40:GLY:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:40:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:40:GLY:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:40:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:40:GLY:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:40:GLY:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:41:GLY:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:41:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:41:GLY:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:41:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:41:GLY:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:41:GLY:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:42:GLY:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:42:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:42:GLY:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:42:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:42:GLY:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:42:GLY:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:43:LYS:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:N	1:A:43:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:43:LYS:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:43:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:43:LYS:N	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:43:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:N	1:A:43:LYS:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:44:ALA:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:44:ALA:CB	9	0.11
(2,7)	2:B:5:GLY:N	1:A:44:ALA:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:44:ALA:HB3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:44:ALA:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:44:ALA:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:45:GLY:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:45:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:45:GLY:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:45:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:45:GLY:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:45:GLY:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:46:MET:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:46:MET:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:46:MET:CB	9	0.11
(2,7)	2:B:5:GLY:N	1:A:46:MET:CE	9	0.11
(2,7)	2:B:5:GLY:N	1:A:46:MET:CG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:46:MET:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:46:MET:HA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:46:MET:HB3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:46:MET:HE3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:46:MET:HG3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:46:MET:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:46:MET:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:46:MET:SD	9	0.11
(2,7)	2:B:5:GLY:N	1:A:47:GLY:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:47:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:47:GLY:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:47:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:47:GLY:N	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:47:GLY:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:48:MET:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:48:MET:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:48:MET:CB	9	0.11
(2,7)	2:B:5:GLY:N	1:A:48:MET:CE	9	0.11
(2,7)	2:B:5:GLY:N	1:A:48:MET:CG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:48:MET:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:48:MET:HA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:48:MET:HB3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:48:MET:HE3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:48:MET:HG3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:48:MET:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:48:MET:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:48:MET:SD	9	0.11
(2,7)	2:B:5:GLY:N	1:A:50:SER:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:50:SER:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:50:SER:CB	9	0.11
(2,7)	2:B:5:GLY:N	1:A:50:SER:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:50:SER:HA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:50:SER:HB3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:50:SER:HG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:50:SER:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:50:SER:O	9	0.11
(2,7)	2:B:5:GLY:N	1:A:50:SER:OG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:51:GLU:C	9	0.11
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CB	9	0.11
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CD	9	0.11
(2,7)	2:B:5:GLY:N	1:A:51:GLU:CG	9	0.11
(2,7)	2:B:5:GLY:N	1:A:51:GLU:H	9	0.11
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HA	9	0.11
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HB3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG2	9	0.11
(2,7)	2:B:5:GLY:N	1:A:51:GLU:HG3	9	0.11
(2,7)	2:B:5:GLY:N	1:A:51:GLU:N	9	0.11
(2,7)	2:B:5:GLY:N	1:A:51:GLU:O	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE1	9	0.11
(2,7)	2:B:5:GLY:N	1:A:51:GLU:OE2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:10:LYS:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:O	1:A:10:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:O	1:A:10:LYS:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:10:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:10:LYS:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:10:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:O	1:A:10:LYS:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:11:TYR:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CB	9	0.11
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CD2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CE2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CG	9	0.11
(2,7)	2:B:5:GLY:O	1:A:11:TYR:CZ	9	0.11
(2,7)	2:B:5:GLY:O	1:A:11:TYR:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HB3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HD2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HE2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:11:TYR:HH	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:11:TYR:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:11:TYR:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:11:TYR:OH	9	0.11
(2,7)	2:B:5:GLY:O	1:A:12:LYS:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:O	1:A:12:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:O	1:A:12:LYS:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:12:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:12:LYS:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:12:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:O	1:A:12:LYS:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:16:LYS:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:O	1:A:16:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:O	1:A:16:LYS:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ1	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:16:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:16:LYS:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:16:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:O	1:A:16:LYS:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:24:LEU:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:24:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:O	1:A:24:LEU:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:O	1:A:24:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:O	1:A:24:LEU:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:24:LEU:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:27:GLY:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:27:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:27:GLY:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:27:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:27:GLY:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:27:GLY:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CB	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CD	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CG	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:CZ	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HB3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD2	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HD3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HE	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HG3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH11	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH12	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH21	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:HH22	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NE	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:NH2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:28:ARG:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:29:TYR:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CB	9	0.11
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CD2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CE2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CG	9	0.11
(2,7)	2:B:5:GLY:O	1:A:29:TYR:CZ	9	0.11
(2,7)	2:B:5:GLY:O	1:A:29:TYR:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HB3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HD2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HE2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:29:TYR:HH	9	0.11
(2,7)	2:B:5:GLY:O	1:A:29:TYR:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:29:TYR:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:29:TYR:OH	9	0.11
(2,7)	2:B:5:GLY:O	1:A:30:GLY:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:30:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:30:GLY:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:30:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:30:GLY:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:30:GLY:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:31:LYS:C	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:O	1:A:31:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:O	1:A:31:LYS:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:31:LYS:HZ3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:31:LYS:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:31:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:O	1:A:31:LYS:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:32:LEU:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:32:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:O	1:A:32:LEU:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:O	1:A:32:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:O	1:A:32:LEU:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:32:LEU:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:34:HIS:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CA	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CB	9	0.11
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CD2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CE1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:34:HIS:CG	9	0.11
(2,7)	2:B:5:GLY:O	1:A:34:HIS:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HB3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HD2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:34:HIS:HE1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:34:HIS:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:34:HIS:ND1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:34:HIS:NE2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:34:HIS:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:36:LEU:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:36:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:O	1:A:36:LEU:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:O	1:A:36:LEU:HG	9	0.11
(2,7)	2:B:5:GLY:O	1:A:36:LEU:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:36:LEU:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:37:TYR:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CB	9	0.11
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CD2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CE2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CG	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:37:TYR:CZ	9	0.11
(2,7)	2:B:5:GLY:O	1:A:37:TYR:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HB3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HD2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HE2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:37:TYR:HH	9	0.11
(2,7)	2:B:5:GLY:O	1:A:37:TYR:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:37:TYR:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:37:TYR:OH	9	0.11
(2,7)	2:B:5:GLY:O	1:A:38:ASP:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CB	9	0.11
(2,7)	2:B:5:GLY:O	1:A:38:ASP:CG	9	0.11
(2,7)	2:B:5:GLY:O	1:A:38:ASP:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:38:ASP:HB3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:38:ASP:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:38:ASP:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:38:ASP:OD2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:39:LEU:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CB	9	0.11
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CD2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:39:LEU:CG	9	0.11
(2,7)	2:B:5:GLY:O	1:A:39:LEU:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HB3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD11	9	0.11
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD12	9	0.11
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD13	9	0.11
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD21	9	0.11
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD22	9	0.11
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HD23	9	0.11
(2,7)	2:B:5:GLY:O	1:A:39:LEU:HG	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:39:LEU:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:39:LEU:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:40:GLY:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:40:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:40:GLY:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:40:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:40:GLY:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:40:GLY:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:41:GLY:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:41:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:41:GLY:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:41:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:41:GLY:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:41:GLY:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:42:GLY:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:42:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:42:GLY:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:42:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:42:GLY:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:42:GLY:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:43:LYS:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CB	9	0.11
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CD	9	0.11
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CE	9	0.11
(2,7)	2:B:5:GLY:O	1:A:43:LYS:CG	9	0.11
(2,7)	2:B:5:GLY:O	1:A:43:LYS:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HB3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HD3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HE3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HG3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:43:LYS:HZ3	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:43:LYS:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:43:LYS:NZ	9	0.11
(2,7)	2:B:5:GLY:O	1:A:43:LYS:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:44:ALA:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:44:ALA:CB	9	0.11
(2,7)	2:B:5:GLY:O	1:A:44:ALA:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:44:ALA:HB3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:44:ALA:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:44:ALA:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:45:GLY:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:45:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:45:GLY:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:45:GLY:HA3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:45:GLY:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:45:GLY:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:46:MET:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:46:MET:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:46:MET:CB	9	0.11
(2,7)	2:B:5:GLY:O	1:A:46:MET:CE	9	0.11
(2,7)	2:B:5:GLY:O	1:A:46:MET:CG	9	0.11
(2,7)	2:B:5:GLY:O	1:A:46:MET:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:46:MET:HA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:46:MET:HB3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:46:MET:HE3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:46:MET:HG3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:46:MET:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:46:MET:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:46:MET:SD	9	0.11
(2,7)	2:B:5:GLY:O	1:A:47:GLY:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:47:GLY:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:47:GLY:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:47:GLY:HA3	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:47:GLY:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:47:GLY:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:48:MET:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:48:MET:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:48:MET:CB	9	0.11
(2,7)	2:B:5:GLY:O	1:A:48:MET:CE	9	0.11
(2,7)	2:B:5:GLY:O	1:A:48:MET:CG	9	0.11
(2,7)	2:B:5:GLY:O	1:A:48:MET:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:48:MET:HA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:48:MET:HB3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:48:MET:HE3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:48:MET:HG3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:48:MET:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:48:MET:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:48:MET:SD	9	0.11
(2,7)	2:B:5:GLY:O	1:A:50:SER:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:50:SER:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:50:SER:CB	9	0.11
(2,7)	2:B:5:GLY:O	1:A:50:SER:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:50:SER:HA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:50:SER:HB3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:50:SER:HG	9	0.11
(2,7)	2:B:5:GLY:O	1:A:50:SER:N	9	0.11
(2,7)	2:B:5:GLY:O	1:A:50:SER:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:50:SER:OG	9	0.11
(2,7)	2:B:5:GLY:O	1:A:51:GLU:C	9	0.11
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CB	9	0.11
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CD	9	0.11
(2,7)	2:B:5:GLY:O	1:A:51:GLU:CG	9	0.11
(2,7)	2:B:5:GLY:O	1:A:51:GLU:H	9	0.11
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HA	9	0.11
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HB3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG2	9	0.11
(2,7)	2:B:5:GLY:O	1:A:51:GLU:HG3	9	0.11
(2,7)	2:B:5:GLY:O	1:A:51:GLU:N	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,7)	2:B:5:GLY:O	1:A:51:GLU:O	9	0.11
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE1	9	0.11
(2,7)	2:B:5:GLY:O	1:A:51:GLU:OE2	9	0.11
(1,8)	1:A:43:LYS:HG3	2:B:4:GLU:HA	9	0.11
(1,6)	1:A:43:LYS:HD3	2:B:4:GLU:HA	1	0.11
(1,57)	1:A:29:TYR:HD1	2:B:12:TYR:HE1	3	0.11
(1,57)	1:A:29:TYR:HD1	2:B:12:TYR:HE2	3	0.11
(1,57)	1:A:29:TYR:HD2	2:B:12:TYR:HE1	3	0.11
(1,57)	1:A:29:TYR:HD2	2:B:12:TYR:HE2	3	0.11
(1,47)	1:A:32:LEU:HG	2:B:10:GLU:HG2	13	0.11
(1,47)	1:A:32:LEU:HG	2:B:10:GLU:HG3	13	0.11
(1,43)	1:A:32:LEU:HG	2:B:10:GLU:HB2	2	0.11
(1,43)	1:A:32:LEU:HG	2:B:10:GLU:HB2	12	0.11
(1,43)	1:A:32:LEU:HG	2:B:10:GLU:HB2	16	0.11
(1,23)	1:A:11:TYR:HE1	2:B:8:GLU:HA	14	0.11
(1,23)	1:A:11:TYR:HE2	2:B:8:GLU:HA	14	0.11

10 Dihedral-angle violation analysis (i)

No dihedral-angle restraints found