wwPDB NMR Structure Validation Summary Report

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PDB ID	:	2MJW
BMRB ID	:	19739
Title	:	Structural Insights into Calcium Bound S100P - V Domain of the receptor for advanced glycation end products (RAGE) Complex
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Deposited on	:	2014-01-19

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

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

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

The following versions of software and data (see references (1)) were used in the production of this report:

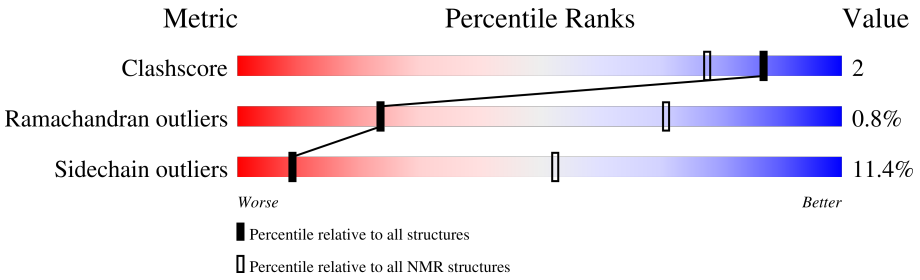
MolProbity	:	4.02b-467
Percentile statistics	:	20191225.v01 (using entries in the PDB archive December 25th 2019)
wwPDB-RCI	:	v_1n_11_5_13_A (Berjanski et al., 2005)
PANAV	:	Wang et al. (2010)
wwPDB-ShiftChecker	:	v1.2
BMRB Restraints Analysis	:	v1.2
Ideal geometry (proteins)	:	Engh & Huber (2001)
Ideal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

1 Overall quality at a glance (i)

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

The overall completeness of chemical shifts assignment is 14%.

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



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

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

Mol	Chain	Length	Quality of chain
1	A	101	87% 9% .
1	C	101	87% 9% .
2	B	94	89% 11%
2	D	94	87% 13%

2 Ensemble composition and analysis

This entry contains 10 models. Model 5 is the overall representative, medoid model (most similar to other models). The authors have identified model 1 as representative, based on the following criterion: *lowest energy*.

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

Well-defined (core) protein residues			
Well-defined core	**Residue range (total)**	**Backbone RMSD (Å)**	**Medoid model**
1	A:21-A:55, A:60-A:121, B:1-B:94, D:95-D:188, C:21-C:55, C:60-C:121 (382)	0.53	5

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

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

The models can be grouped into 2 clusters and 5 single-model clusters were found.

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

3 Entry composition (i)

There are 2 unique types of molecules in this entry. The entry contains 6072 atoms, of which 3058 are hydrogens and 0 are deuteriums.

- Molecule 1 is a protein called Advanced glycosylation end product-specific receptor.

Mol	Chain	Residues	Atoms						Trace
1	A	101	Total	C	H	N	O	S	0
			1599	498	811	148	138	4	
1	C	101	Total	C	H	N	O	S	0
			1599	498	811	148	138	4	

There are 4 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
A	21	ALA	-	expression tag	UNP Q15109
A	22	MET	-	expression tag	UNP Q15109
C	21	ALA	-	expression tag	UNP Q15109
C	22	MET	-	expression tag	UNP Q15109

- Molecule 2 is a protein called Protein S100-P.

Mol	Chain	Residues	Atoms						Trace
2	B	94	Total	C	H	N	O	S	0
			1437	456	718	112	146	5	
2	D	94	Total	C	H	N	O	S	0
			1437	456	718	112	146	5	

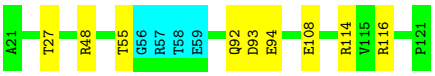
4 Residue-property plots

4.1 Average score per residue in the NMR ensemble

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

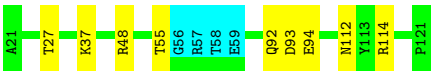
• Molecule 1: Advanced glycosylation end product-specific receptor

Chain A:



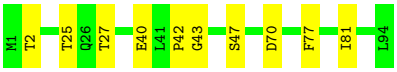
• Molecule 1: Advanced glycosylation end product-specific receptor

Chain C:



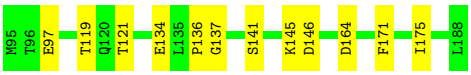
• Molecule 2: Protein S100-P

Chain B:



• Molecule 2: Protein S100-P

Chain D:

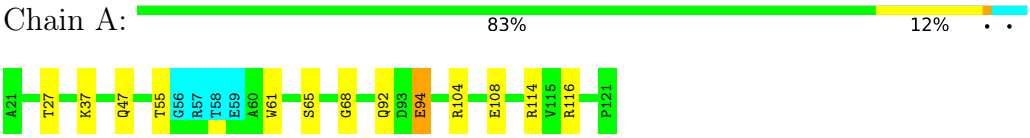


4.2 Residue scores for the representative (medoid) model from the NMR ensemble

The representative model is number 5. Colouring as in section 4.1 above.

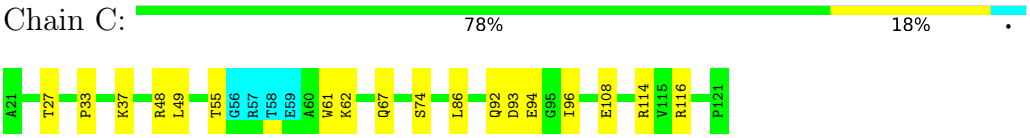
• Molecule 1: Advanced glycosylation end product-specific receptor

Chain A:



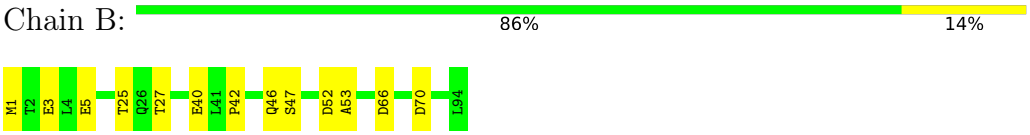
• Molecule 1: Advanced glycosylation end product-specific receptor

Chain C:



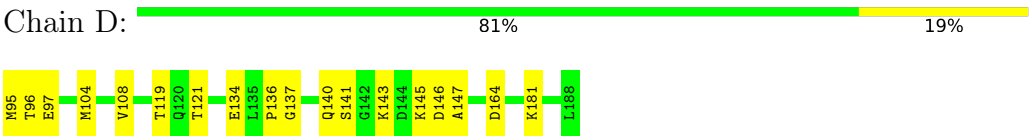
• Molecule 2: Protein S100-P

Chain B:



• Molecule 2: Protein S100-P

Chain D:



5 Refinement protocol and experimental data overview

The models were refined using the following method: *simulated annealing.*

Of the 10 calculated structures, 10 were deposited, based on the following criterion: *structures with the lowest energy.*

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

Software name	Classification	Version
HADDOCK	refinement	

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

Chemical shift file(s)	working_cs.cif
Number of chemical shift lists	1
Total number of shifts	750
Number of shifts mapped to atoms	750
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Assignment completeness (well-defined parts)	14%

6 Model quality

6.1 Standard geometry

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

There are no bond-length outliers.

There are no bond-angle outliers.

There are no chirality outliers.

There are no planarity outliers.

6.2 Too-close contacts

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

Mol	Chain	Non-H	H(model)	H(added)	Clashes
1	A	757	782	779	3±2
1	C	757	782	779	2±1
2	B	719	718	718	4±2
2	D	719	718	715	5±2
All	All	29520	30000	29910	117

The all-atom clashscore is defined as the number of clashes found per 1000 atoms (including hydrogen atoms). The all-atom clashscore for this structure is 2.

5 of 54 unique clashes are listed below, sorted by their clash magnitude.

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
2:B:46:GLN:HG2	2:B:53:ALA:HB2	0.55	1.77	5	1
2:D:137:GLY:O	1:C:48:ARG:HB2	0.55	2.01	1	7
1:A:94:GLU:OE2	1:A:116:ARG:HD2	0.55	2.01	7	6
1:A:48:ARG:HB2	2:B:43:GLY:O	0.53	2.02	1	6
1:C:94:GLU:OE2	1:C:116:ARG:HD2	0.52	2.05	5	4

6.3 Torsion angles (i)

6.3.1 Protein backbone (i)

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

Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles
1	A	95/101 (94%)	86±3 (91±3%)	8±2 (8±2%)	1±0 (1±1%)	29 74
1	C	95/101 (94%)	87±2 (92±2%)	8±2 (8±2%)	0±0 (0±0%)	50 82
2	B	92/94 (98%)	84±2 (92±2%)	8±2 (8±2%)	0±0 (0±0%)	54 85
2	D	92/94 (98%)	82±2 (90±2%)	8±2 (8±2%)	2±1 (2±1%)	10 49
All	All	3740/3900 (96%)	3403 (91%)	308 (8%)	29 (1%)	24 71

5 of 10 unique Ramachandran outliers are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
2	D	145	LYS	9
2	D	146	ASP	9
1	A	42	PRO	4
1	A	72	TRP	1
1	C	72	TRP	1

6.3.2 Protein sidechains (i)

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

Mol	Chain	Analysed	Rotameric	Outliers	Percentiles
1	A	80/83 (96%)	70±2 (87±3%)	10±2 (13±3%)	7 49
1	C	80/83 (96%)	70±3 (87±4%)	10±3 (13±4%)	7 48
2	B	78/78 (100%)	70±1 (90±2%)	8±1 (10±2%)	11 56
2	D	78/78 (100%)	70±1 (90±1%)	8±1 (10±1%)	12 58
All	All	3160/3220 (98%)	2799 (89%)	361 (11%)	9 52

5 of 109 unique residues with a non-rotameric sidechain are listed below. They are sorted by the

frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
1	A	92	GLN	10
2	B	25	THR	10
2	B	47	SER	10
1	C	27	THR	10
1	C	92	GLN	10

6.3.3 RNA

There are no RNA molecules in this entry.

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

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

6.5 Carbohydrates

There are no monosaccharides in this entry.

6.6 Ligand geometry

There are no ligands in this entry.

6.7 Other polymers

There are no such molecules in this entry.

6.8 Polymer linkage issues

There are no chain breaks in this entry.

7 Chemical shift validation

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

7.1 Chemical shift list 1

File name: working_cs.cif

Chemical shift list name: *assigned_chem_shift_list_1*

7.1.1 Bookkeeping

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

Total number of shifts	750
Number of shifts mapped to atoms	750
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	6

7.1.2 Chemical shift referencing

The following table shows the suggested chemical shift referencing corrections.

Nucleus	# values	Correction ± precision, *ppm*	Suggested action
$^{13}C_{\alpha}$	93	0.18 ± 0.16	None needed (< 0.5 ppm)
$^{13}C_{\beta}$	61	-0.15 ± 0.22	None needed (< 0.5 ppm)
$^{13}C'$	0	—	None (insufficient data)
^{15}N	81	-0.19 ± 0.37	None needed (< 0.5 ppm)

7.1.3 Completeness of resonance assignments

The following table shows the completeness of the chemical shift assignments for the well-defined regions of the structure. The overall completeness is 14%, i.e. 730 atoms were assigned a chemical shift out of a possible 5156. 0 out of 62 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^{1}H	^{13}C	^{15}N
Backbone	335/1904 (18%)	167/778 (21%)	90/764 (12%)	78/362 (22%)
Sidechain	390/2934 (13%)	271/1908 (14%)	119/912 (13%)	0/114 (0%)

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	Total	^{1}H	^{13}C	^{15}N
Aromatic	5/318 (2%)	5/156 (3%)	0/154 (0%)	0/8 (0%)
Overall	730/5156 (14%)	443/2842 (16%)	209/1830 (11%)	78/484 (16%)

7.1.4 Statistically unusual chemical shifts (i)

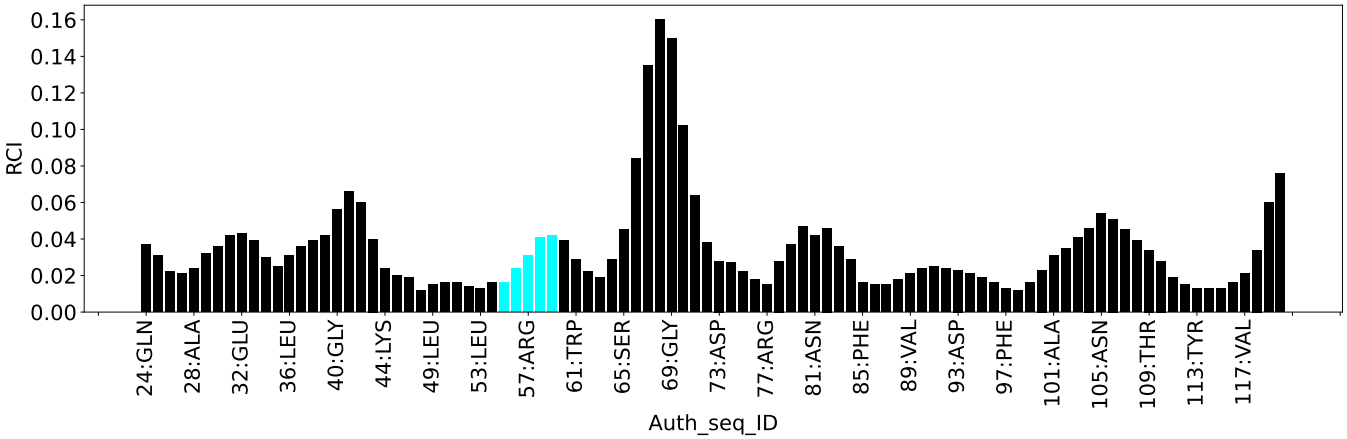
The following table lists the statistically unusual chemical shifts. These are statistical measures, and large deviations from the mean do not necessarily imply incorrect assignments. Molecules containing paramagnetic centres or hemes are expected to give rise to anomalous chemical shifts.

List Id	Chain	Res	Type	Atom	Shift, *ppm*	Expected range, *ppm*	Z-score
1	A	46	PRO	HD2	-0.04	1.93 – 5.38	-10.7
1	A	71	PRO	HD2	7.08	1.93 – 5.38	9.9
1	A	54	ASN	HD21	3.02	4.94 – 9.72	-9.0
1	A	54	ASN	HD22	3.02	4.69 – 9.61	-8.4
1	A	32	GLU	HG2	3.75	1.24 – 3.30	7.2
1	A	77	ARG	CB	20.70	21.74 – 39.52	-5.6

7.1.5 Random Coil Index (RCI) plots (i)

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

Random coil index (RCI) for chain A:



8 NMR restraints analysis

8.1 Conformationally restricting restraints

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

Description	Value
Total distance restraints	32
Intra-residue (|i-j|=0)	0
Sequential (|i-j|=1)	0
Medium range (|i-j|>1 and |i-j|<5)	0
Long range (|i-j|≥5)	0
Inter-chain	32
Hydrogen bond restraints	0
Disulfide bond restraints	0
Total dihedral-angle restraints	0
Number of unmapped restraints	0
Number of restraints per residue	0.1
Number of long range restraints per residue[1]	0.0

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

8.2 Residual restraint violations

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

8.2.1 Average number of distance violations per model

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

Bins (Å)	Average number of violations per model	Max (Å)
0.1-0.2 (Small)	1.4	0.2
0.2-0.5 (Medium)	1.7	0.5
>0.5 (Large)	15.8	5.89

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

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

9 Distance violation analysis (i)

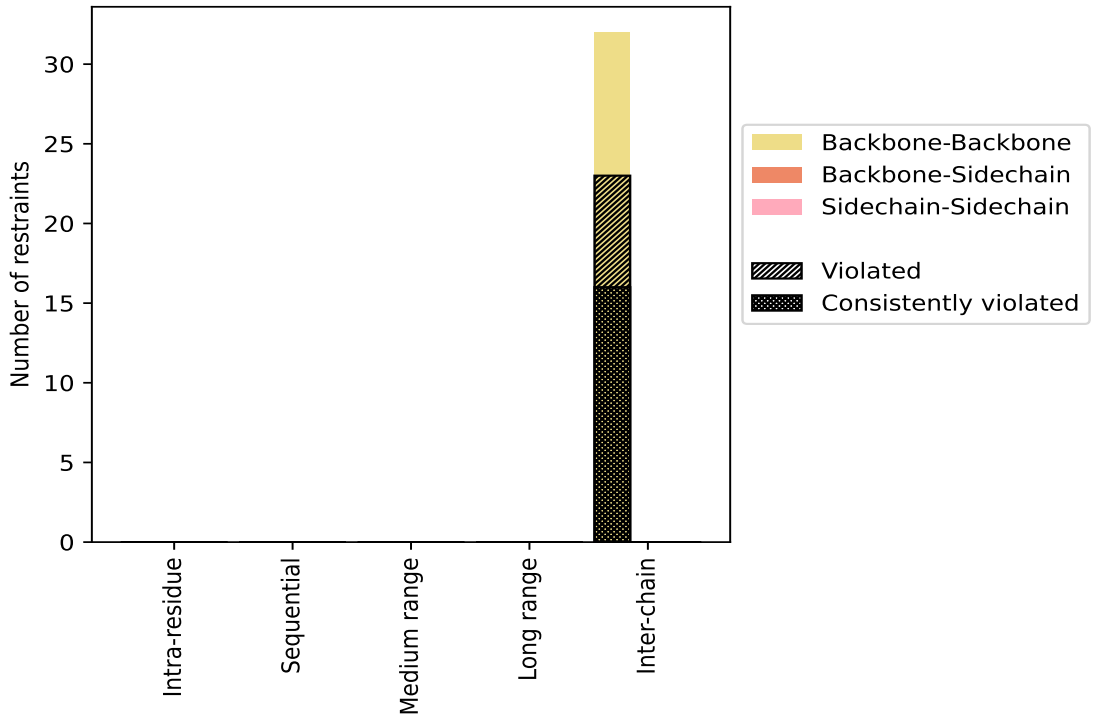
9.1 Summary of distance violations (i)

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

Restraints type	Count	%[1]	Violated[3]			Consistently Violated[4]		
			Count	%[2]	%[1]	Count	%[2]	%[1]
Intra-residue (|i-j|=0)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sequential (|i-j|=1)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Medium range (|i-j|>1 & |i-j|<5)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Long range (|i-j|≥5)	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Inter-chain	32	100.0	23	71.9	71.9	16	50.0	50.0
Backbone-Backbone	32	100.0	23	71.9	71.9	16	50.0	50.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Hydrogen bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Disulfide bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Total	32	100.0	23	71.9	71.9	16	50.0	50.0
Backbone-Backbone	32	100.0	23	71.9	71.9	16	50.0	50.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0

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

9.1.1 Bar chart : Distribution of distance restraints and violations



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

9.2 Distance violation statistics for each model

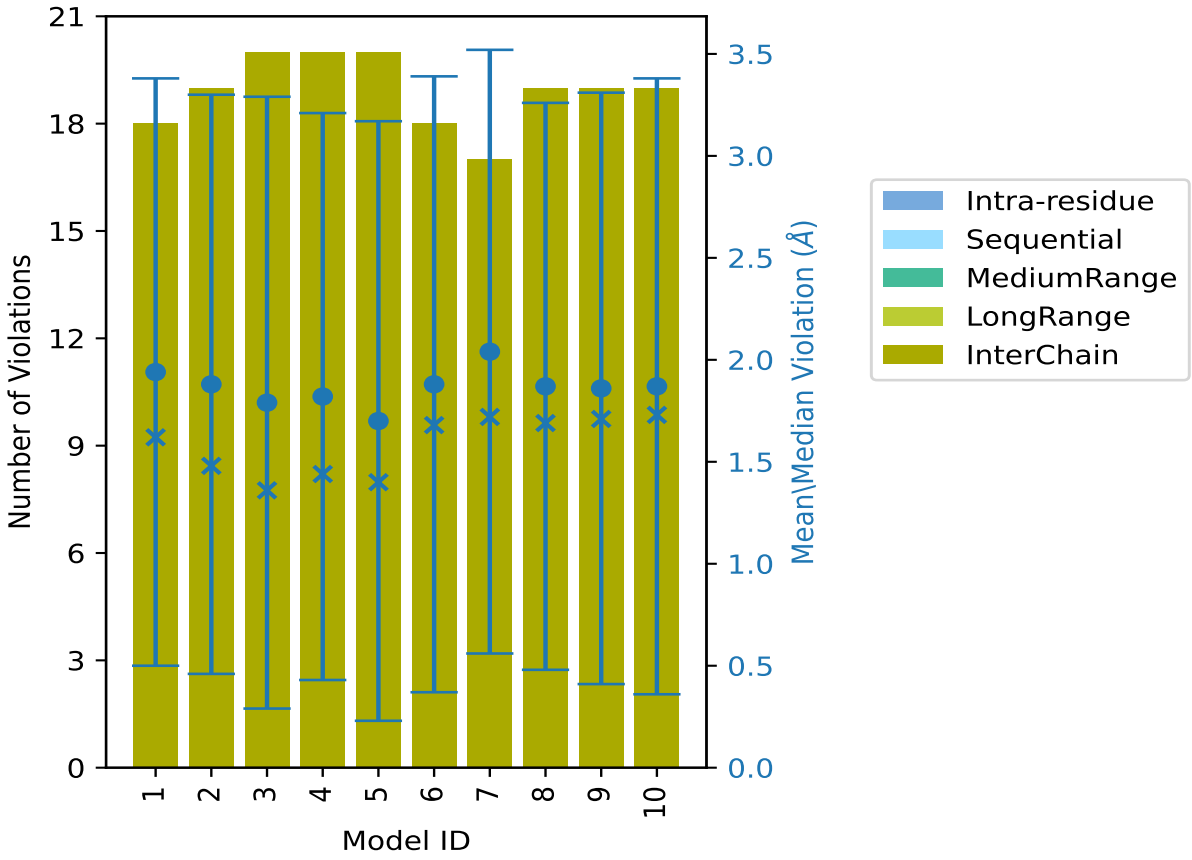
The following table provides the distance violation statistics for each model in the ensemble. Violations less than 0.1 Å are not included in the statistics.

Model ID	Number of violations						Mean (Å)	Max (Å)	SD[6] (Å)	Median (Å)
	IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total				
1	0	0	0	0	18	18	1.94	5.67	1.44	1.62
2	0	0	0	0	19	19	1.88	5.61	1.42	1.48
3	0	0	0	0	20	20	1.79	5.79	1.5	1.36
4	0	0	0	0	20	20	1.82	5.66	1.39	1.44
5	0	0	0	0	20	20	1.7	5.65	1.47	1.4
6	0	0	0	0	18	18	1.88	5.77	1.51	1.68
7	0	0	0	0	17	17	2.04	5.79	1.48	1.72
8	0	0	0	0	19	19	1.87	5.67	1.39	1.69
9	0	0	0	0	19	19	1.86	5.65	1.45	1.71
10	0	0	0	0	19	19	1.87	5.89	1.51	1.73

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

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

9.2.1 Bar graph : Distance Violation statistics for each model



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

9.3 Distance violation statistics for the ensemble

Violation analysis may find that some restraints are violated in few models and some are violated in most of models. The following table provides this information as number of violated restraints for a given fraction of the ensemble. In total, 9(IR:0, SQ:0, MR:0, LR:0, IC:9) restraints are not violated in the ensemble.

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

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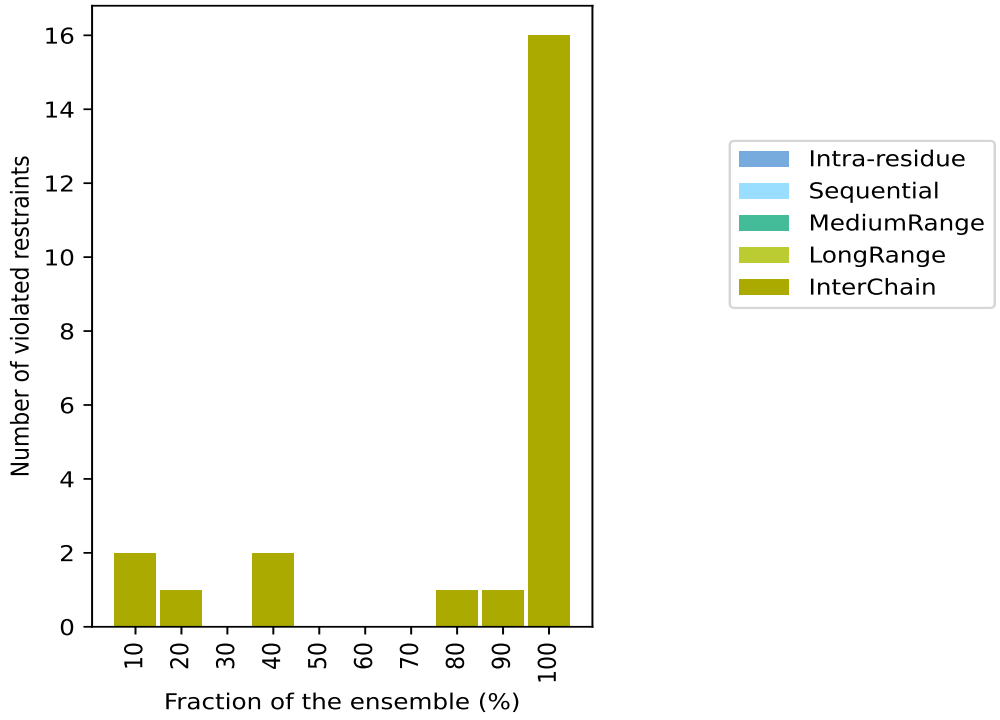
Number of violated restraints						Fraction of the ensemble	
IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total	Count[6]	%
0	0	0	0	0	0	5	50.0
0	0	0	0	0	0	6	60.0
0	0	0	0	0	0	7	70.0
0	0	0	0	1	1	8	80.0
0	0	0	0	1	1	9	90.0
0	0	0	0	16	16	10	100.0

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

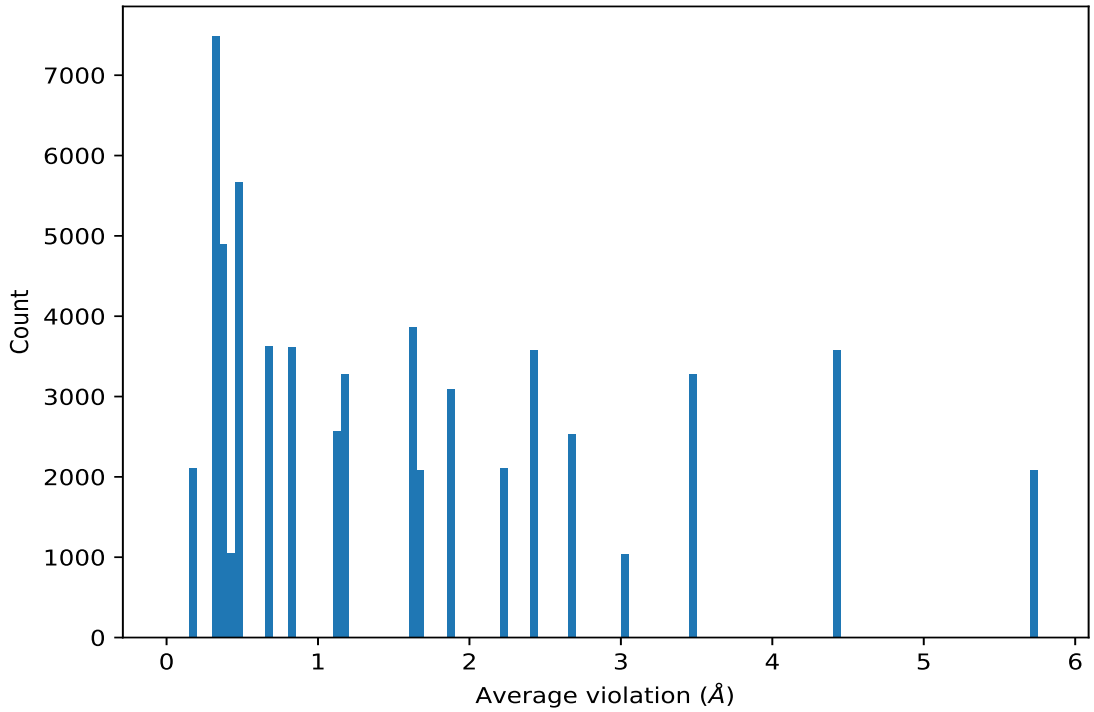
9.3.1 Bar graph : Distance violation statistics for the ensemble



9.4 Most violated distance restraints in the ensemble

9.4.1 Histogram : Distribution of mean distance violations

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



9.4.2 Table: Most violated distance restraints

The following table provides the mean and the standard deviation of the violations for the 10 worst performing restraints, sorted by number of violated models and the mean violation value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint. Rows with same key represent combinatorial or ambiguous restraints and are counted as a single restraint.

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:C	2:B:2:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CA	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:OG1	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:C	2:B:8:MET:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:CE	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:SD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:9:GLY:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:9:GLY:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:9:GLY:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:9:GLY:HA2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:9:GLY:HA3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:9:GLY:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:9:GLY:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:N	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:C	2:B:12:ILE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:OD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:OD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HB3	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:H	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CE	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:SD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:CA	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:HA2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:HA3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:OD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:OD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:H	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:N	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:CB	2:B:2:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG22	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CE	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:SD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:HA2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:HA3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG13	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:OD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:OD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CZ	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CA	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CE	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:N	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:CG	2:B:8:MET:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:SD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:HA2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:HA3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:OD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:OD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CA	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG1	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:HA	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:H	2:B:6:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:CE	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:SD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:9:GLY:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:9:GLY:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:9:GLY:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:9:GLY:HA2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:9:GLY:HA3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:9:GLY:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:9:GLY:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD11	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:OD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:OD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CD2	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:O	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CE	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE2	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:SD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:HA2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:HA3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:O	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:OD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:OD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CG2	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CA	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CE	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:SD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:HA2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:HA3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CG2	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:OD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:OD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:C	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HB3	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CE	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HA	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:SD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:HA2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:HA3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HA	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:OD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:OD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:O	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:O	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CE	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:SD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:HA2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:HA3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CA	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:OD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:OD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG22	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CG	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CB	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CE	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:SD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:HA2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:HA3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CA	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:OD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:OD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HE1	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HB3	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:CE	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:SD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:9:GLY:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:9:GLY:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:9:GLY:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:9:GLY:HA2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:9:GLY:HA3	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:N	2:B:9:GLY:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:9:GLY:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:OD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:OD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG11	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:C	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:O	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CE	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:SD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:HA2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:HA3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG23	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:OD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:OD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HB2	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CG	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:O	2:B:5:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:CE	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:SD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:9:GLY:C	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:O	2:B:9:GLY:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:9:GLY:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:9:GLY:HA2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:9:GLY:HA3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:9:GLY:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:9:GLY:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:OD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:OD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CG2	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:O	2:B:14:VAL:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG23	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:OE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:OE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG21	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:OG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CE	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HG3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:SD	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:HA2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:HA3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG12	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CG	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:OD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:OD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CG1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CG2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG11	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG12	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG13	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG21	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG22	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG23	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:O	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:C	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CB	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CG	10	5.72	0.08	5.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:H	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HA	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HB2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HB3	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HD1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HD2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HE1	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HE2	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HZ	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:N	10	5.72	0.08	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:O	10	5.72	0.08	5.67
(1,30)	1:C:104:ARG:C	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:5:GLU:C	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:C	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:8:MET:HG3	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:C	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:14:VAL:C	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:C	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:C	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:2:THR:HB	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:CA	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:6:THR:H	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:CA	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:12:ILE:HB	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:CA	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:15:PHE:CD1	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:CA	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CA	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:3:GLU:N	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:CB	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:8:MET:HE1	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:CB	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:13:ASP:N	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:CB	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CB	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:2:THR:CB	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:CD	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:6:THR:C	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:CD	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:12:ILE:CG1	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:CD	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:14:VAL:O	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:CD	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CD	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:3:GLU:HB2	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:CG	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:8:MET:H	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:CG	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:13:ASP:H	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:CG	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CG	2:B:15:PHE:N	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:CG	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:5:GLU:N	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:CZ	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:12:ILE:C	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:CZ	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:14:VAL:HG21	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:CZ	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:CZ	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:3:GLU:CD	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:H	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:8:MET:CA	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:H	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:13:ASP:C	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:H	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:15:PHE:HD2	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:H	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:H	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:5:GLU:HB2	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HA	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:9:GLY:HA2	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HA	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:14:VAL:HB	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HA	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HA	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:2:THR:OG1	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HB2	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:6:THR:N	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HB2	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:12:ILE:HG22	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HB2	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:15:PHE:HA	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HB2	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB2	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:5:GLU:CD	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HB3	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:8:MET:SD	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HB3	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:14:VAL:CG1	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HB3	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HB3	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:2:THR:HG22	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HD2	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:6:THR:HG1	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HD2	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:12:ILE:HD13	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HD2	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:15:PHE:CE2	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HD2	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD2	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:3:GLU:OE2	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HD3	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:8:MET:HG2	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HD3	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:13:ASP:OD2	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HD3	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HD3	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:2:THR:HA	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HE	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:6:THR:CG2	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HE	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:12:ILE:HA	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HE	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:15:PHE:CB	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HE	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HE	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:3:GLU:HG3	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HG2	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:8:MET:HB3	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HG2	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:13:ASP:HB3	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HG2	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG2	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:2:THR:CA	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HG3	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:5:GLU:OE2	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HG3	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:12:ILE:CD1	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HG3	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:14:VAL:N	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HG3	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HG3	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:3:GLU:HA	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HH11	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:8:MET:CG	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HH11	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:13:ASP:CG	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HH11	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:15:PHE:HZ	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HH11	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH11	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:5:GLU:HG3	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HH12	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:9:GLY:O	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HH12	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:14:VAL:HG13	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HH12	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH12	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:3:GLU:CB	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HH21	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:8:MET:C	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HH21	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:12:ILE:O	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HH21	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:15:PHE:HD1	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HH21	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH21	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:5:GLU:HA	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HH22	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:9:GLY:H	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HH22	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:14:VAL:HA	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:HH22	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:HH22	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:2:THR:O	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:N	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:6:THR:HG23	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:N	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:12:ILE:HG21	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:N	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:15:PHE:H	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:N	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:N	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:5:GLU:CB	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:NE	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:8:MET:O	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:NE	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:14:VAL:CB	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:NE	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NE	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:2:THR:HG21	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:NH1	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:6:THR:HB	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:NH1	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:12:ILE:HD12	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:NH1	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:15:PHE:CE1	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:NH1	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH1	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:2:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:3:GLU:OE1	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:NH2	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:6:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:8:MET:HE3	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:NH2	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:12:ILE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:13:ASP:OD1	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:NH2	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:15:PHE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:NH2	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:2:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:2:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:2:THR:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:2:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:2:THR:H	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:O	2:B:2:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:2:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:2:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:2:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:2:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:2:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:2:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:2:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:2:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:3:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:3:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:3:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:3:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:3:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:3:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:3:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:3:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:3:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:3:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:3:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:3:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:3:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:3:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:3:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:5:GLU:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:5:GLU:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:5:GLU:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:5:GLU:CD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:5:GLU:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:5:GLU:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:5:GLU:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:5:GLU:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:5:GLU:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:5:GLU:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:5:GLU:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:5:GLU:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:5:GLU:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:5:GLU:OE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:5:GLU:OE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:6:THR:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:6:THR:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:6:THR:CB	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:O	2:B:6:THR:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:6:THR:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:6:THR:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:6:THR:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:6:THR:HG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:6:THR:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:6:THR:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:6:THR:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:6:THR:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:6:THR:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:6:THR:OG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:8:MET:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:8:MET:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:8:MET:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:8:MET:CE	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:8:MET:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:8:MET:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:8:MET:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:8:MET:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:8:MET:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:8:MET:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:8:MET:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:8:MET:HE3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:8:MET:HG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:8:MET:HG3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:8:MET:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:8:MET:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:8:MET:SD	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:9:GLY:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:9:GLY:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:9:GLY:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:9:GLY:HA2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:9:GLY:HA3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:9:GLY:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:9:GLY:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:12:ILE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:12:ILE:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:12:ILE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:12:ILE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:12:ILE:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:12:ILE:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:12:ILE:H	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:O	2:B:12:ILE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:12:ILE:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:12:ILE:HD11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:12:ILE:HD12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:12:ILE:HD13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:12:ILE:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:12:ILE:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:12:ILE:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:12:ILE:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:12:ILE:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:12:ILE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:12:ILE:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:13:ASP:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:13:ASP:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:13:ASP:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:13:ASP:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:13:ASP:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:13:ASP:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:13:ASP:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:13:ASP:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:13:ASP:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:13:ASP:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:13:ASP:OD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:13:ASP:OD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:14:VAL:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:14:VAL:CA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:14:VAL:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:14:VAL:CG1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:14:VAL:CG2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:14:VAL:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:14:VAL:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:14:VAL:HB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:14:VAL:HG11	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:14:VAL:HG12	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:14:VAL:HG13	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:14:VAL:HG21	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:14:VAL:HG22	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:14:VAL:HG23	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:14:VAL:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:14:VAL:O	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:15:PHE:C	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:15:PHE:CA	10	4.4	0.07	4.39

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,30)	1:C:104:ARG:O	2:B:15:PHE:CB	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:15:PHE:CD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:15:PHE:CD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:15:PHE:CE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:15:PHE:CE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:15:PHE:CG	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:15:PHE:CZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:15:PHE:H	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:15:PHE:HA	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:15:PHE:HB2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:15:PHE:HB3	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:15:PHE:HD1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:15:PHE:HD2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:15:PHE:HE1	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:15:PHE:HE2	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:15:PHE:HZ	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:15:PHE:N	10	4.4	0.07	4.39
(1,30)	1:C:104:ARG:O	2:B:15:PHE:O	10	4.4	0.07	4.39
(1,32)	1:C:110:LYS:C	2:B:2:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:2:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:2:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:2:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:2:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:2:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:2:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:2:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:2:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:2:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:2:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:2:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:2:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:2:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:3:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:3:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:3:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:3:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:3:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:3:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:3:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:3:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:3:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:3:GLU:HG2	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:C	2:B:3:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:3:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:3:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:3:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:3:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:5:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:5:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:5:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:5:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:5:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:5:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:5:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:5:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:5:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:5:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:5:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:5:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:5:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:5:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:5:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:6:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:6:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:6:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:6:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:6:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:6:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:6:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:6:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:6:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:6:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:6:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:6:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:6:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:6:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:8:MET:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:8:MET:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:8:MET:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:8:MET:CE	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:8:MET:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:8:MET:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:8:MET:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:8:MET:HB2	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:C	2:B:8:MET:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:8:MET:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:8:MET:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:8:MET:HE3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:8:MET:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:8:MET:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:8:MET:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:8:MET:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:8:MET:SD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:9:GLY:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:9:GLY:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:9:GLY:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:9:GLY:HA2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:9:GLY:HA3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:9:GLY:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:9:GLY:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:12:ILE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:12:ILE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:12:ILE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:12:ILE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:12:ILE:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:12:ILE:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:12:ILE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:12:ILE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:12:ILE:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:12:ILE:HD11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:12:ILE:HD12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:12:ILE:HD13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:12:ILE:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:12:ILE:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:12:ILE:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:12:ILE:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:12:ILE:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:12:ILE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:12:ILE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:13:ASP:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:13:ASP:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:13:ASP:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:13:ASP:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:13:ASP:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:13:ASP:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:13:ASP:HB2	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:C	2:B:13:ASP:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:13:ASP:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:13:ASP:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:13:ASP:OD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:13:ASP:OD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:14:VAL:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:14:VAL:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:14:VAL:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:14:VAL:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:14:VAL:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:14:VAL:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:14:VAL:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:14:VAL:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:14:VAL:HG11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:14:VAL:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:14:VAL:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:14:VAL:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:14:VAL:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:14:VAL:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:14:VAL:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:14:VAL:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:15:PHE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:15:PHE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:15:PHE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:15:PHE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:15:PHE:CD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:15:PHE:CE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:15:PHE:CE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:15:PHE:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:15:PHE:CZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:15:PHE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:15:PHE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:15:PHE:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:15:PHE:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:15:PHE:HD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:15:PHE:HD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:15:PHE:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:15:PHE:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:15:PHE:HZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:15:PHE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:C	2:B:15:PHE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:2:THR:C	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:CA	2:B:2:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:2:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:2:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:2:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:2:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:2:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:2:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:2:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:2:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:2:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:2:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:2:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:2:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:3:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:3:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:3:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:3:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:3:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:3:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:3:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:3:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:3:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:3:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:3:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:3:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:3:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:3:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:3:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:5:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:5:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:5:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:5:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:5:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:5:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:5:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:5:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:5:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:5:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:5:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:5:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:5:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:5:GLU:OE1	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:CA	2:B:5:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:6:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:6:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:6:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:6:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:6:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:6:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:6:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:6:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:6:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:6:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:6:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:6:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:6:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:6:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:8:MET:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:8:MET:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:8:MET:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:8:MET:CE	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:8:MET:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:8:MET:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:8:MET:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:8:MET:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:8:MET:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:8:MET:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:8:MET:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:8:MET:HE3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:8:MET:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:8:MET:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:8:MET:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:8:MET:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:8:MET:SD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:9:GLY:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:9:GLY:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:9:GLY:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:9:GLY:HA2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:9:GLY:HA3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:9:GLY:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:9:GLY:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:12:ILE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:12:ILE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:12:ILE:CB	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:CA	2:B:12:ILE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:12:ILE:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:12:ILE:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:12:ILE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:12:ILE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:12:ILE:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:12:ILE:HD11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:12:ILE:HD12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:12:ILE:HD13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:12:ILE:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:12:ILE:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:12:ILE:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:12:ILE:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:12:ILE:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:12:ILE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:12:ILE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:13:ASP:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:13:ASP:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:13:ASP:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:13:ASP:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:13:ASP:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:13:ASP:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:13:ASP:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:13:ASP:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:13:ASP:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:13:ASP:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:13:ASP:OD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:13:ASP:OD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:14:VAL:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:14:VAL:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:14:VAL:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:14:VAL:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:14:VAL:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:14:VAL:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:14:VAL:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:14:VAL:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:14:VAL:HG11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:14:VAL:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:14:VAL:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:14:VAL:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:14:VAL:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:14:VAL:HG23	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:CA	2:B:14:VAL:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:14:VAL:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:15:PHE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:15:PHE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:15:PHE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:15:PHE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:15:PHE:CD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:15:PHE:CE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:15:PHE:CE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:15:PHE:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:15:PHE:CZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:15:PHE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:15:PHE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:15:PHE:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:15:PHE:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:15:PHE:HD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:15:PHE:HD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:15:PHE:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:15:PHE:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:15:PHE:HZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:15:PHE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CA	2:B:15:PHE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:2:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:2:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:2:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:2:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:2:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:2:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:2:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:2:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:2:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:2:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:2:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:2:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:2:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:2:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:3:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:3:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:3:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:3:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:3:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:3:GLU:H	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:CB	2:B:3:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:3:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:3:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:3:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:3:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:3:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:3:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:3:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:3:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:5:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:5:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:5:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:5:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:5:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:5:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:5:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:5:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:5:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:5:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:5:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:5:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:5:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:5:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:5:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:6:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:6:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:6:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:6:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:6:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:6:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:6:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:6:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:6:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:6:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:6:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:6:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:6:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:6:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:8:MET:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:8:MET:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:8:MET:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:8:MET:CE	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:CB	2:B:8:MET:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:8:MET:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:8:MET:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:8:MET:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:8:MET:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:8:MET:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:8:MET:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:8:MET:HE3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:8:MET:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:8:MET:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:8:MET:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:8:MET:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:8:MET:SD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:9:GLY:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:9:GLY:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:9:GLY:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:9:GLY:HA2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:9:GLY:HA3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:9:GLY:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:9:GLY:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:12:ILE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:12:ILE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:12:ILE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:12:ILE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:12:ILE:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:12:ILE:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:12:ILE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:12:ILE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:12:ILE:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:12:ILE:HD11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:12:ILE:HD12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:12:ILE:HD13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:12:ILE:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:12:ILE:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:12:ILE:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:12:ILE:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:12:ILE:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:12:ILE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:12:ILE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:13:ASP:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:13:ASP:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:13:ASP:CB	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:CB	2:B:13:ASP:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:13:ASP:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:13:ASP:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:13:ASP:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:13:ASP:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:13:ASP:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:13:ASP:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:13:ASP:OD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:13:ASP:OD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:14:VAL:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:14:VAL:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:14:VAL:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:14:VAL:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:14:VAL:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:14:VAL:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:14:VAL:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:14:VAL:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:14:VAL:HG11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:14:VAL:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:14:VAL:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:14:VAL:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:14:VAL:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:14:VAL:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:14:VAL:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:14:VAL:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:15:PHE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:15:PHE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:15:PHE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:15:PHE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:15:PHE:CD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:15:PHE:CE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:15:PHE:CE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:15:PHE:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:15:PHE:CZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:15:PHE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:15:PHE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:15:PHE:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:15:PHE:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:15:PHE:HD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:15:PHE:HD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:15:PHE:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:15:PHE:HE2	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:CB	2:B:15:PHE:HZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:15:PHE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CB	2:B:15:PHE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:2:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:2:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:2:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:2:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:2:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:2:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:2:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:2:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:2:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:2:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:2:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:2:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:2:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:2:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:3:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:3:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:3:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:3:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:3:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:3:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:3:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:3:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:3:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:3:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:3:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:3:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:3:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:3:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:3:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:5:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:5:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:5:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:5:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:5:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:5:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:5:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:5:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:5:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:5:GLU:HG2	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:CD	2:B:5:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:5:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:5:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:5:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:5:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:6:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:6:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:6:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:6:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:6:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:6:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:6:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:6:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:6:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:6:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:6:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:6:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:6:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:6:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:8:MET:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:8:MET:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:8:MET:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:8:MET:CE	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:8:MET:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:8:MET:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:8:MET:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:8:MET:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:8:MET:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:8:MET:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:8:MET:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:8:MET:HE3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:8:MET:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:8:MET:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:8:MET:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:8:MET:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:8:MET:SD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:9:GLY:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:9:GLY:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:9:GLY:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:9:GLY:HA2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:9:GLY:HA3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:9:GLY:N	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:CD	2:B:9:GLY:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:12:ILE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:12:ILE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:12:ILE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:12:ILE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:12:ILE:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:12:ILE:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:12:ILE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:12:ILE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:12:ILE:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:12:ILE:HD11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:12:ILE:HD12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:12:ILE:HD13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:12:ILE:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:12:ILE:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:12:ILE:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:12:ILE:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:12:ILE:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:12:ILE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:12:ILE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:13:ASP:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:13:ASP:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:13:ASP:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:13:ASP:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:13:ASP:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:13:ASP:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:13:ASP:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:13:ASP:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:13:ASP:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:13:ASP:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:13:ASP:OD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:13:ASP:OD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:14:VAL:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:14:VAL:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:14:VAL:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:14:VAL:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:14:VAL:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:14:VAL:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:14:VAL:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:14:VAL:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:14:VAL:HG11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:14:VAL:HG12	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:CD	2:B:14:VAL:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:14:VAL:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:14:VAL:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:14:VAL:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:14:VAL:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:14:VAL:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:15:PHE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:15:PHE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:15:PHE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:15:PHE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:15:PHE:CD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:15:PHE:CE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:15:PHE:CE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:15:PHE:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:15:PHE:CZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:15:PHE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:15:PHE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:15:PHE:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:15:PHE:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:15:PHE:HD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:15:PHE:HD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:15:PHE:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:15:PHE:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:15:PHE:HZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:15:PHE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CD	2:B:15:PHE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:2:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:2:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:2:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:2:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:2:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:2:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:2:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:2:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:2:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:2:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:2:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:2:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:2:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:2:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:3:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:3:GLU:CA	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:CE	2:B:3:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:3:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:3:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:3:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:3:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:3:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:3:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:3:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:3:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:3:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:3:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:3:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:3:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:5:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:5:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:5:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:5:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:5:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:5:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:5:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:5:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:5:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:5:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:5:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:5:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:5:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:5:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:5:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:6:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:6:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:6:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:6:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:6:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:6:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:6:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:6:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:6:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:6:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:6:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:6:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:6:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:6:THR:OG1	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:CE	2:B:8:MET:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:8:MET:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:8:MET:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:8:MET:CE	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:8:MET:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:8:MET:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:8:MET:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:8:MET:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:8:MET:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:8:MET:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:8:MET:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:8:MET:HE3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:8:MET:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:8:MET:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:8:MET:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:8:MET:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:8:MET:SD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:9:GLY:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:9:GLY:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:9:GLY:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:9:GLY:HA2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:9:GLY:HA3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:9:GLY:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:9:GLY:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:12:ILE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:12:ILE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:12:ILE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:12:ILE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:12:ILE:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:12:ILE:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:12:ILE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:12:ILE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:12:ILE:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:12:ILE:HD11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:12:ILE:HD12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:12:ILE:HD13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:12:ILE:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:12:ILE:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:12:ILE:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:12:ILE:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:12:ILE:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:12:ILE:N	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:CE	2:B:12:ILE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:13:ASP:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:13:ASP:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:13:ASP:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:13:ASP:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:13:ASP:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:13:ASP:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:13:ASP:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:13:ASP:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:13:ASP:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:13:ASP:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:13:ASP:OD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:13:ASP:OD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:14:VAL:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:14:VAL:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:14:VAL:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:14:VAL:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:14:VAL:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:14:VAL:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:14:VAL:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:14:VAL:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:14:VAL:HG11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:14:VAL:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:14:VAL:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:14:VAL:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:14:VAL:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:14:VAL:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:14:VAL:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:14:VAL:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:15:PHE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:15:PHE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:15:PHE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:15:PHE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:15:PHE:CD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:15:PHE:CE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:15:PHE:CE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:15:PHE:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:15:PHE:CZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:15:PHE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:15:PHE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:15:PHE:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:15:PHE:HB3	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:CE	2:B:15:PHE:HD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:15:PHE:HD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:15:PHE:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:15:PHE:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:15:PHE:HZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:15:PHE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CE	2:B:15:PHE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:2:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:2:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:2:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:2:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:2:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:2:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:2:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:2:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:2:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:2:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:2:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:2:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:2:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:2:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:3:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:3:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:3:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:3:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:3:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:3:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:3:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:3:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:3:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:3:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:3:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:3:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:3:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:3:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:3:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:5:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:5:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:5:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:5:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:5:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:5:GLU:H	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:CG	2:B:5:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:5:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:5:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:5:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:5:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:5:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:5:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:5:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:5:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:6:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:6:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:6:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:6:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:6:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:6:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:6:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:6:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:6:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:6:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:6:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:6:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:6:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:6:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:8:MET:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:8:MET:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:8:MET:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:8:MET:CE	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:8:MET:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:8:MET:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:8:MET:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:8:MET:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:8:MET:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:8:MET:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:8:MET:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:8:MET:HE3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:8:MET:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:8:MET:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:8:MET:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:8:MET:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:8:MET:SD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:9:GLY:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:9:GLY:CA	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:CG	2:B:9:GLY:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:9:GLY:HA2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:9:GLY:HA3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:9:GLY:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:9:GLY:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:12:ILE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:12:ILE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:12:ILE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:12:ILE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:12:ILE:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:12:ILE:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:12:ILE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:12:ILE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:12:ILE:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:12:ILE:HD11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:12:ILE:HD12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:12:ILE:HD13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:12:ILE:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:12:ILE:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:12:ILE:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:12:ILE:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:12:ILE:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:12:ILE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:12:ILE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:13:ASP:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:13:ASP:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:13:ASP:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:13:ASP:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:13:ASP:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:13:ASP:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:13:ASP:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:13:ASP:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:13:ASP:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:13:ASP:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:13:ASP:OD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:13:ASP:OD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:14:VAL:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:14:VAL:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:14:VAL:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:14:VAL:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:14:VAL:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:14:VAL:H	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:CG	2:B:14:VAL:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:14:VAL:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:14:VAL:HG11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:14:VAL:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:14:VAL:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:14:VAL:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:14:VAL:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:14:VAL:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:14:VAL:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:14:VAL:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:15:PHE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:15:PHE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:15:PHE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:15:PHE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:15:PHE:CD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:15:PHE:CE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:15:PHE:CE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:15:PHE:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:15:PHE:CZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:15:PHE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:15:PHE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:15:PHE:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:15:PHE:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:15:PHE:HD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:15:PHE:HD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:15:PHE:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:15:PHE:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:15:PHE:HZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:15:PHE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:CG	2:B:15:PHE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:2:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:2:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:2:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:2:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:2:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:2:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:2:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:2:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:2:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:2:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:2:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:2:THR:N	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:H	2:B:2:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:2:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:3:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:3:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:3:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:3:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:3:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:3:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:3:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:3:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:3:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:3:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:3:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:3:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:3:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:3:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:3:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:5:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:5:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:5:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:5:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:5:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:5:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:5:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:5:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:5:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:5:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:5:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:5:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:5:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:5:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:5:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:6:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:6:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:6:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:6:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:6:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:6:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:6:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:6:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:6:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:6:THR:HG22	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:H	2:B:6:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:6:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:6:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:6:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:8:MET:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:8:MET:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:8:MET:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:8:MET:CE	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:8:MET:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:8:MET:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:8:MET:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:8:MET:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:8:MET:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:8:MET:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:8:MET:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:8:MET:HE3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:8:MET:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:8:MET:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:8:MET:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:8:MET:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:8:MET:SD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:9:GLY:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:9:GLY:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:9:GLY:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:9:GLY:HA2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:9:GLY:HA3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:9:GLY:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:9:GLY:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:12:ILE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:12:ILE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:12:ILE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:12:ILE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:12:ILE:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:12:ILE:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:12:ILE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:12:ILE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:12:ILE:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:12:ILE:HD11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:12:ILE:HD12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:12:ILE:HD13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:12:ILE:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:12:ILE:HG13	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:H	2:B:12:ILE:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:12:ILE:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:12:ILE:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:12:ILE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:12:ILE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:13:ASP:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:13:ASP:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:13:ASP:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:13:ASP:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:13:ASP:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:13:ASP:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:13:ASP:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:13:ASP:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:13:ASP:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:13:ASP:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:13:ASP:OD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:13:ASP:OD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:14:VAL:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:14:VAL:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:14:VAL:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:14:VAL:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:14:VAL:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:14:VAL:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:14:VAL:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:14:VAL:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:14:VAL:HG11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:14:VAL:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:14:VAL:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:14:VAL:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:14:VAL:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:14:VAL:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:14:VAL:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:14:VAL:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:15:PHE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:15:PHE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:15:PHE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:15:PHE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:15:PHE:CD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:15:PHE:CE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:15:PHE:CE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:15:PHE:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:15:PHE:CZ	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:H	2:B:15:PHE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:15:PHE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:15:PHE:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:15:PHE:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:15:PHE:HD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:15:PHE:HD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:15:PHE:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:15:PHE:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:15:PHE:HZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:15:PHE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:H	2:B:15:PHE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:2:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:2:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:2:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:2:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:2:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:2:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:2:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:2:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:2:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:2:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:2:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:2:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:2:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:2:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:3:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:3:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:3:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:3:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:3:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:3:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:3:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:3:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:3:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:3:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:3:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:3:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:3:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:3:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:3:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:5:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:5:GLU:CA	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HA	2:B:5:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:5:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:5:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:5:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:5:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:5:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:5:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:5:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:5:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:5:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:5:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:5:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:5:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:6:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:6:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:6:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:6:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:6:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:6:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:6:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:6:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:6:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:6:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:6:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:6:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:6:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:6:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:8:MET:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:8:MET:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:8:MET:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:8:MET:CE	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:8:MET:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:8:MET:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:8:MET:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:8:MET:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:8:MET:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:8:MET:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:8:MET:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:8:MET:HE3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:8:MET:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:8:MET:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:8:MET:N	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HA	2:B:8:MET:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:8:MET:SD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:9:GLY:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:9:GLY:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:9:GLY:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:9:GLY:HA2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:9:GLY:HA3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:9:GLY:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:9:GLY:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:12:ILE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:12:ILE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:12:ILE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:12:ILE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:12:ILE:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:12:ILE:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:12:ILE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:12:ILE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:12:ILE:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:12:ILE:HD11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:12:ILE:HD12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:12:ILE:HD13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:12:ILE:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:12:ILE:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:12:ILE:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:12:ILE:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:12:ILE:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:12:ILE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:12:ILE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:13:ASP:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:13:ASP:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:13:ASP:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:13:ASP:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:13:ASP:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:13:ASP:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:13:ASP:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:13:ASP:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:13:ASP:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:13:ASP:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:13:ASP:OD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:13:ASP:OD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:14:VAL:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:14:VAL:CA	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HA	2:B:14:VAL:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:14:VAL:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:14:VAL:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:14:VAL:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:14:VAL:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:14:VAL:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:14:VAL:HG11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:14:VAL:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:14:VAL:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:14:VAL:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:14:VAL:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:14:VAL:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:14:VAL:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:14:VAL:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:15:PHE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:15:PHE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:15:PHE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:15:PHE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:15:PHE:CD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:15:PHE:CE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:15:PHE:CE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:15:PHE:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:15:PHE:CZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:15:PHE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:15:PHE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:15:PHE:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:15:PHE:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:15:PHE:HD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:15:PHE:HD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:15:PHE:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:15:PHE:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:15:PHE:HZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:15:PHE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HA	2:B:15:PHE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:2:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:2:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:2:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:2:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:2:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:2:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:2:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:2:THR:HG1	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HB2	2:B:2:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:2:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:2:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:2:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:2:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:2:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:3:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:3:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:3:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:3:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:3:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:3:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:3:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:3:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:3:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:3:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:3:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:3:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:3:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:3:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:3:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:5:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:5:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:5:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:5:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:5:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:5:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:5:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:5:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:5:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:5:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:5:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:5:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:5:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:5:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:5:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:6:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:6:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:6:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:6:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:6:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:6:THR:HA	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HB2	2:B:6:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:6:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:6:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:6:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:6:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:6:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:6:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:6:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:8:MET:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:8:MET:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:8:MET:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:8:MET:CE	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:8:MET:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:8:MET:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:8:MET:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:8:MET:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:8:MET:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:8:MET:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:8:MET:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:8:MET:HE3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:8:MET:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:8:MET:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:8:MET:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:8:MET:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:8:MET:SD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:9:GLY:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:9:GLY:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:9:GLY:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:9:GLY:HA2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:9:GLY:HA3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:9:GLY:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:9:GLY:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:12:ILE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:12:ILE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:12:ILE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:12:ILE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:12:ILE:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:12:ILE:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:12:ILE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:12:ILE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:12:ILE:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:12:ILE:HD11	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HB2	2:B:12:ILE:HD12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:12:ILE:HD13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:12:ILE:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:12:ILE:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:12:ILE:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:12:ILE:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:12:ILE:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:12:ILE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:12:ILE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:13:ASP:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:13:ASP:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:13:ASP:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:13:ASP:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:13:ASP:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:13:ASP:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:13:ASP:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:13:ASP:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:13:ASP:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:13:ASP:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:13:ASP:OD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:13:ASP:OD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:14:VAL:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:14:VAL:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:14:VAL:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:14:VAL:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:14:VAL:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:14:VAL:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:14:VAL:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:14:VAL:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:14:VAL:HG11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:14:VAL:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:14:VAL:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:14:VAL:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:14:VAL:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:14:VAL:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:14:VAL:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:14:VAL:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:15:PHE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:15:PHE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:15:PHE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:15:PHE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:15:PHE:CD2	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HB2	2:B:15:PHE:CE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:15:PHE:CE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:15:PHE:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:15:PHE:CZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:15:PHE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:15:PHE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:15:PHE:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:15:PHE:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:15:PHE:HD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:15:PHE:HD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:15:PHE:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:15:PHE:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:15:PHE:HZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:15:PHE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB2	2:B:15:PHE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:2:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:2:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:2:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:2:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:2:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:2:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:2:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:2:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:2:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:2:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:2:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:2:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:2:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:2:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:3:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:3:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:3:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:3:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:3:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:3:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:3:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:3:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:3:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:3:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:3:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:3:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:3:GLU:O	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HB3	2:B:3:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:3:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:5:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:5:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:5:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:5:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:5:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:5:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:5:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:5:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:5:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:5:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:5:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:5:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:5:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:5:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:5:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:6:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:6:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:6:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:6:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:6:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:6:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:6:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:6:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:6:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:6:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:6:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:6:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:6:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:6:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:8:MET:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:8:MET:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:8:MET:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:8:MET:CE	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:8:MET:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:8:MET:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:8:MET:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:8:MET:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:8:MET:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:8:MET:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:8:MET:HE2	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HB3	2:B:8:MET:HE3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:8:MET:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:8:MET:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:8:MET:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:8:MET:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:8:MET:SD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:9:GLY:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:9:GLY:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:9:GLY:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:9:GLY:HA2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:9:GLY:HA3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:9:GLY:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:9:GLY:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:12:ILE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:12:ILE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:12:ILE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:12:ILE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:12:ILE:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:12:ILE:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:12:ILE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:12:ILE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:12:ILE:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:12:ILE:HD11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:12:ILE:HD12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:12:ILE:HD13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:12:ILE:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:12:ILE:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:12:ILE:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:12:ILE:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:12:ILE:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:12:ILE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:12:ILE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:13:ASP:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:13:ASP:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:13:ASP:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:13:ASP:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:13:ASP:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:13:ASP:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:13:ASP:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:13:ASP:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:13:ASP:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:13:ASP:O	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HB3	2:B:13:ASP:OD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:13:ASP:OD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:14:VAL:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:14:VAL:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:14:VAL:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:14:VAL:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:14:VAL:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:14:VAL:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:14:VAL:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:14:VAL:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:14:VAL:HG11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:14:VAL:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:14:VAL:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:14:VAL:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:14:VAL:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:14:VAL:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:14:VAL:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:14:VAL:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:15:PHE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:15:PHE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:15:PHE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:15:PHE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:15:PHE:CD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:15:PHE:CE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:15:PHE:CE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:15:PHE:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:15:PHE:CZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:15:PHE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:15:PHE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:15:PHE:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:15:PHE:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:15:PHE:HD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:15:PHE:HD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:15:PHE:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:15:PHE:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:15:PHE:HZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:15:PHE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HB3	2:B:15:PHE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:2:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:2:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:2:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:2:THR:CG2	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HD2	2:B:2:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:2:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:2:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:2:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:2:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:2:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:2:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:2:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:2:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:2:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:3:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:3:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:3:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:3:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:3:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:3:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:3:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:3:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:3:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:3:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:3:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:3:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:3:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:3:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:3:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:5:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:5:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:5:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:5:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:5:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:5:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:5:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:5:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:5:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:5:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:5:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:5:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:5:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:5:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:5:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:6:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:6:THR:CA	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HD2	2:B:6:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:6:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:6:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:6:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:6:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:6:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:6:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:6:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:6:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:6:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:6:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:6:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:8:MET:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:8:MET:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:8:MET:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:8:MET:CE	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:8:MET:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:8:MET:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:8:MET:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:8:MET:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:8:MET:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:8:MET:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:8:MET:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:8:MET:HE3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:8:MET:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:8:MET:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:8:MET:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:8:MET:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:8:MET:SD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:9:GLY:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:9:GLY:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:9:GLY:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:9:GLY:HA2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:9:GLY:HA3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:9:GLY:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:9:GLY:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:12:ILE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:12:ILE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:12:ILE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:12:ILE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:12:ILE:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:12:ILE:CG2	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HD2	2:B:12:ILE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:12:ILE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:12:ILE:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:12:ILE:HD11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:12:ILE:HD12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:12:ILE:HD13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:12:ILE:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:12:ILE:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:12:ILE:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:12:ILE:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:12:ILE:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:12:ILE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:12:ILE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:13:ASP:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:13:ASP:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:13:ASP:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:13:ASP:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:13:ASP:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:13:ASP:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:13:ASP:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:13:ASP:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:13:ASP:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:13:ASP:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:13:ASP:OD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:13:ASP:OD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:14:VAL:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:14:VAL:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:14:VAL:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:14:VAL:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:14:VAL:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:14:VAL:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:14:VAL:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:14:VAL:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:14:VAL:HG11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:14:VAL:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:14:VAL:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:14:VAL:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:14:VAL:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:14:VAL:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:14:VAL:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:14:VAL:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:15:PHE:C	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HD2	2:B:15:PHE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:15:PHE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:15:PHE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:15:PHE:CD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:15:PHE:CE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:15:PHE:CE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:15:PHE:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:15:PHE:CZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:15:PHE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:15:PHE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:15:PHE:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:15:PHE:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:15:PHE:HD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:15:PHE:HD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:15:PHE:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:15:PHE:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:15:PHE:HZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:15:PHE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD2	2:B:15:PHE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:2:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:2:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:2:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:2:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:2:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:2:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:2:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:2:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:2:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:2:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:2:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:2:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:2:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:2:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:3:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:3:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:3:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:3:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:3:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:3:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:3:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:3:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:3:GLU:HB3	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HD3	2:B:3:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:3:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:3:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:3:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:3:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:3:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:5:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:5:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:5:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:5:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:5:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:5:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:5:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:5:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:5:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:5:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:5:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:5:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:5:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:5:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:5:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:6:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:6:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:6:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:6:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:6:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:6:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:6:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:6:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:6:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:6:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:6:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:6:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:6:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:6:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:8:MET:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:8:MET:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:8:MET:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:8:MET:CE	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:8:MET:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:8:MET:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:8:MET:HA	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HD3	2:B:8:MET:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:8:MET:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:8:MET:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:8:MET:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:8:MET:HE3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:8:MET:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:8:MET:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:8:MET:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:8:MET:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:8:MET:SD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:9:GLY:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:9:GLY:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:9:GLY:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:9:GLY:HA2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:9:GLY:HA3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:9:GLY:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:9:GLY:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:12:ILE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:12:ILE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:12:ILE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:12:ILE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:12:ILE:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:12:ILE:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:12:ILE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:12:ILE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:12:ILE:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:12:ILE:HD11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:12:ILE:HD12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:12:ILE:HD13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:12:ILE:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:12:ILE:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:12:ILE:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:12:ILE:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:12:ILE:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:12:ILE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:12:ILE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:13:ASP:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:13:ASP:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:13:ASP:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:13:ASP:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:13:ASP:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:13:ASP:HA	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HD3	2:B:13:ASP:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:13:ASP:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:13:ASP:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:13:ASP:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:13:ASP:OD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:13:ASP:OD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:14:VAL:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:14:VAL:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:14:VAL:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:14:VAL:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:14:VAL:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:14:VAL:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:14:VAL:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:14:VAL:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:14:VAL:HG11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:14:VAL:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:14:VAL:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:14:VAL:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:14:VAL:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:14:VAL:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:14:VAL:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:14:VAL:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:15:PHE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:15:PHE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:15:PHE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:15:PHE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:15:PHE:CD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:15:PHE:CE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:15:PHE:CE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:15:PHE:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:15:PHE:CZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:15:PHE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:15:PHE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:15:PHE:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:15:PHE:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:15:PHE:HD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:15:PHE:HD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:15:PHE:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:15:PHE:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:15:PHE:HZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:15:PHE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HD3	2:B:15:PHE:O	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HE2	2:B:2:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:2:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:2:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:2:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:2:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:2:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:2:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:2:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:2:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:2:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:2:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:2:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:2:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:2:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:3:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:3:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:3:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:3:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:3:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:3:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:3:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:3:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:3:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:3:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:3:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:3:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:3:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:3:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:3:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:5:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:5:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:5:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:5:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:5:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:5:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:5:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:5:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:5:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:5:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:5:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:5:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:5:GLU:O	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HE2	2:B:5:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:5:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:6:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:6:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:6:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:6:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:6:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:6:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:6:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:6:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:6:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:6:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:6:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:6:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:6:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:6:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:8:MET:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:8:MET:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:8:MET:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:8:MET:CE	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:8:MET:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:8:MET:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:8:MET:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:8:MET:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:8:MET:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:8:MET:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:8:MET:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:8:MET:HE3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:8:MET:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:8:MET:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:8:MET:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:8:MET:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:8:MET:SD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:9:GLY:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:9:GLY:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:9:GLY:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:9:GLY:HA2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:9:GLY:HA3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:9:GLY:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:9:GLY:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:12:ILE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:12:ILE:CA	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HE2	2:B:12:ILE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:12:ILE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:12:ILE:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:12:ILE:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:12:ILE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:12:ILE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:12:ILE:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:12:ILE:HD11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:12:ILE:HD12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:12:ILE:HD13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:12:ILE:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:12:ILE:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:12:ILE:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:12:ILE:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:12:ILE:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:12:ILE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:12:ILE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:13:ASP:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:13:ASP:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:13:ASP:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:13:ASP:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:13:ASP:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:13:ASP:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:13:ASP:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:13:ASP:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:13:ASP:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:13:ASP:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:13:ASP:OD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:13:ASP:OD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:14:VAL:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:14:VAL:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:14:VAL:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:14:VAL:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:14:VAL:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:14:VAL:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:14:VAL:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:14:VAL:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:14:VAL:HG11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:14:VAL:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:14:VAL:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:14:VAL:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:14:VAL:HG22	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HE2	2:B:14:VAL:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:14:VAL:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:14:VAL:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:15:PHE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:15:PHE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:15:PHE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:15:PHE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:15:PHE:CD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:15:PHE:CE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:15:PHE:CE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:15:PHE:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:15:PHE:CZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:15:PHE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:15:PHE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:15:PHE:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:15:PHE:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:15:PHE:HD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:15:PHE:HD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:15:PHE:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:15:PHE:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:15:PHE:HZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:15:PHE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE2	2:B:15:PHE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:2:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:2:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:2:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:2:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:2:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:2:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:2:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:2:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:2:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:2:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:2:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:2:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:2:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:2:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:3:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:3:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:3:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:3:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:3:GLU:CG	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HE3	2:B:3:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:3:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:3:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:3:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:3:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:3:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:3:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:3:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:3:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:3:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:5:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:5:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:5:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:5:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:5:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:5:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:5:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:5:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:5:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:5:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:5:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:5:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:5:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:5:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:5:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:6:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:6:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:6:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:6:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:6:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:6:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:6:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:6:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:6:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:6:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:6:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:6:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:6:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:6:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:8:MET:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:8:MET:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:8:MET:CB	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HE3	2:B:8:MET:CE	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:8:MET:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:8:MET:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:8:MET:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:8:MET:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:8:MET:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:8:MET:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:8:MET:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:8:MET:HE3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:8:MET:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:8:MET:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:8:MET:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:8:MET:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:8:MET:SD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:9:GLY:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:9:GLY:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:9:GLY:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:9:GLY:HA2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:9:GLY:HA3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:9:GLY:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:9:GLY:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:12:ILE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:12:ILE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:12:ILE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:12:ILE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:12:ILE:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:12:ILE:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:12:ILE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:12:ILE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:12:ILE:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:12:ILE:HD11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:12:ILE:HD12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:12:ILE:HD13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:12:ILE:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:12:ILE:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:12:ILE:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:12:ILE:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:12:ILE:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:12:ILE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:12:ILE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:13:ASP:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:13:ASP:CA	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HE3	2:B:13:ASP:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:13:ASP:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:13:ASP:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:13:ASP:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:13:ASP:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:13:ASP:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:13:ASP:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:13:ASP:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:13:ASP:OD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:13:ASP:OD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:14:VAL:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:14:VAL:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:14:VAL:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:14:VAL:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:14:VAL:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:14:VAL:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:14:VAL:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:14:VAL:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:14:VAL:HG11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:14:VAL:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:14:VAL:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:14:VAL:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:14:VAL:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:14:VAL:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:14:VAL:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:14:VAL:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:15:PHE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:15:PHE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:15:PHE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:15:PHE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:15:PHE:CD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:15:PHE:CE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:15:PHE:CE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:15:PHE:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:15:PHE:CZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:15:PHE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:15:PHE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:15:PHE:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:15:PHE:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:15:PHE:HD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:15:PHE:HD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:15:PHE:HE1	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HE3	2:B:15:PHE:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:15:PHE:HZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:15:PHE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HE3	2:B:15:PHE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:2:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:2:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:2:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:2:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:2:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:2:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:2:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:2:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:2:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:2:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:2:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:2:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:2:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:2:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:3:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:3:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:3:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:3:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:3:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:3:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:3:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:3:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:3:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:3:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:3:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:3:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:3:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:3:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:3:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:5:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:5:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:5:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:5:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:5:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:5:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:5:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:5:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:5:GLU:HB3	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HG2	2:B:5:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:5:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:5:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:5:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:5:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:5:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:6:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:6:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:6:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:6:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:6:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:6:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:6:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:6:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:6:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:6:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:6:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:6:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:6:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:6:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:8:MET:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:8:MET:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:8:MET:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:8:MET:CE	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:8:MET:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:8:MET:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:8:MET:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:8:MET:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:8:MET:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:8:MET:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:8:MET:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:8:MET:HE3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:8:MET:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:8:MET:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:8:MET:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:8:MET:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:8:MET:SD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:9:GLY:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:9:GLY:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:9:GLY:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:9:GLY:HA2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:9:GLY:HA3	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HG2	2:B:9:GLY:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:9:GLY:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:12:ILE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:12:ILE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:12:ILE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:12:ILE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:12:ILE:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:12:ILE:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:12:ILE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:12:ILE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:12:ILE:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:12:ILE:HD11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:12:ILE:HD12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:12:ILE:HD13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:12:ILE:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:12:ILE:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:12:ILE:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:12:ILE:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:12:ILE:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:12:ILE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:12:ILE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:13:ASP:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:13:ASP:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:13:ASP:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:13:ASP:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:13:ASP:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:13:ASP:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:13:ASP:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:13:ASP:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:13:ASP:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:13:ASP:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:13:ASP:OD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:13:ASP:OD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:14:VAL:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:14:VAL:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:14:VAL:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:14:VAL:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:14:VAL:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:14:VAL:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:14:VAL:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:14:VAL:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:14:VAL:HG11	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HG2	2:B:14:VAL:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:14:VAL:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:14:VAL:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:14:VAL:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:14:VAL:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:14:VAL:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:14:VAL:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:15:PHE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:15:PHE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:15:PHE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:15:PHE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:15:PHE:CD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:15:PHE:CE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:15:PHE:CE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:15:PHE:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:15:PHE:CZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:15:PHE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:15:PHE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:15:PHE:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:15:PHE:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:15:PHE:HD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:15:PHE:HD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:15:PHE:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:15:PHE:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:15:PHE:HZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:15:PHE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG2	2:B:15:PHE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:2:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:2:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:2:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:2:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:2:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:2:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:2:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:2:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:2:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:2:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:2:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:2:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:2:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:2:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:3:GLU:C	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HG3	2:B:3:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:3:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:3:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:3:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:3:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:3:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:3:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:3:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:3:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:3:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:3:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:3:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:3:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:3:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:5:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:5:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:5:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:5:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:5:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:5:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:5:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:5:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:5:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:5:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:5:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:5:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:5:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:5:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:5:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:6:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:6:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:6:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:6:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:6:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:6:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:6:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:6:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:6:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:6:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:6:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:6:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:6:THR:O	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HG3	2:B:6:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:8:MET:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:8:MET:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:8:MET:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:8:MET:CE	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:8:MET:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:8:MET:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:8:MET:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:8:MET:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:8:MET:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:8:MET:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:8:MET:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:8:MET:HE3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:8:MET:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:8:MET:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:8:MET:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:8:MET:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:8:MET:SD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:9:GLY:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:9:GLY:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:9:GLY:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:9:GLY:HA2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:9:GLY:HA3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:9:GLY:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:9:GLY:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:12:ILE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:12:ILE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:12:ILE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:12:ILE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:12:ILE:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:12:ILE:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:12:ILE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:12:ILE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:12:ILE:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:12:ILE:HD11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:12:ILE:HD12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:12:ILE:HD13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:12:ILE:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:12:ILE:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:12:ILE:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:12:ILE:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:12:ILE:HG23	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HG3	2:B:12:ILE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:12:ILE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:13:ASP:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:13:ASP:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:13:ASP:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:13:ASP:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:13:ASP:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:13:ASP:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:13:ASP:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:13:ASP:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:13:ASP:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:13:ASP:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:13:ASP:OD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:13:ASP:OD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:14:VAL:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:14:VAL:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:14:VAL:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:14:VAL:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:14:VAL:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:14:VAL:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:14:VAL:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:14:VAL:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:14:VAL:HG11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:14:VAL:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:14:VAL:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:14:VAL:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:14:VAL:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:14:VAL:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:14:VAL:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:14:VAL:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:15:PHE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:15:PHE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:15:PHE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:15:PHE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:15:PHE:CD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:15:PHE:CE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:15:PHE:CE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:15:PHE:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:15:PHE:CZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:15:PHE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:15:PHE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:15:PHE:HB2	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HG3	2:B:15:PHE:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:15:PHE:HD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:15:PHE:HD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:15:PHE:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:15:PHE:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:15:PHE:HZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:15:PHE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HG3	2:B:15:PHE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:2:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:2:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:2:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:2:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:2:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:2:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:2:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:2:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:2:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:2:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:2:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:2:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:2:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:2:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:3:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:3:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:3:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:3:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:3:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:3:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:3:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:3:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:3:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:3:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:3:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:3:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:3:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:3:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:3:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:5:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:5:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:5:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:5:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:5:GLU:CG	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HZ1	2:B:5:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:5:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:5:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:5:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:5:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:5:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:5:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:5:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:5:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:5:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:6:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:6:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:6:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:6:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:6:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:6:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:6:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:6:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:6:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:6:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:6:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:6:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:6:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:6:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:8:MET:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:8:MET:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:8:MET:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:8:MET:CE	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:8:MET:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:8:MET:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:8:MET:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:8:MET:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:8:MET:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:8:MET:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:8:MET:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:8:MET:HE3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:8:MET:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:8:MET:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:8:MET:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:8:MET:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:8:MET:SD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:9:GLY:C	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HZ1	2:B:9:GLY:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:9:GLY:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:9:GLY:HA2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:9:GLY:HA3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:9:GLY:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:9:GLY:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:12:ILE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:12:ILE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:12:ILE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:12:ILE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:12:ILE:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:12:ILE:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:12:ILE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:12:ILE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:12:ILE:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:12:ILE:HD11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:12:ILE:HD12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:12:ILE:HD13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:12:ILE:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:12:ILE:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:12:ILE:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:12:ILE:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:12:ILE:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:12:ILE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:12:ILE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:13:ASP:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:13:ASP:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:13:ASP:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:13:ASP:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:13:ASP:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:13:ASP:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:13:ASP:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:13:ASP:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:13:ASP:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:13:ASP:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:13:ASP:OD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:13:ASP:OD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:14:VAL:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:14:VAL:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:14:VAL:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:14:VAL:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:14:VAL:CG2	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HZ1	2:B:14:VAL:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:14:VAL:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:14:VAL:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:14:VAL:HG11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:14:VAL:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:14:VAL:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:14:VAL:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:14:VAL:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:14:VAL:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:14:VAL:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:14:VAL:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:15:PHE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:15:PHE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:15:PHE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:15:PHE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:15:PHE:CD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:15:PHE:CE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:15:PHE:CE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:15:PHE:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:15:PHE:CZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:15:PHE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:15:PHE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:15:PHE:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:15:PHE:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:15:PHE:HD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:15:PHE:HD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:15:PHE:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:15:PHE:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:15:PHE:HZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:15:PHE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ1	2:B:15:PHE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:2:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:2:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:2:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:2:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:2:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:2:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:2:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:2:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:2:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:2:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:2:THR:HG23	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HZ2	2:B:2:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:2:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:2:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:3:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:3:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:3:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:3:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:3:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:3:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:3:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:3:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:3:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:3:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:3:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:3:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:3:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:3:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:3:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:5:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:5:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:5:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:5:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:5:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:5:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:5:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:5:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:5:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:5:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:5:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:5:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:5:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:5:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:5:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:6:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:6:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:6:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:6:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:6:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:6:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:6:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:6:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:6:THR:HG21	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HZ2	2:B:6:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:6:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:6:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:6:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:6:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:8:MET:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:8:MET:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:8:MET:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:8:MET:CE	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:8:MET:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:8:MET:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:8:MET:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:8:MET:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:8:MET:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:8:MET:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:8:MET:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:8:MET:HE3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:8:MET:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:8:MET:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:8:MET:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:8:MET:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:8:MET:SD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:9:GLY:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:9:GLY:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:9:GLY:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:9:GLY:HA2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:9:GLY:HA3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:9:GLY:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:9:GLY:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:12:ILE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:12:ILE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:12:ILE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:12:ILE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:12:ILE:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:12:ILE:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:12:ILE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:12:ILE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:12:ILE:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:12:ILE:HD11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:12:ILE:HD12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:12:ILE:HD13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:12:ILE:HG12	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HZ2	2:B:12:ILE:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:12:ILE:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:12:ILE:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:12:ILE:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:12:ILE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:12:ILE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:13:ASP:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:13:ASP:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:13:ASP:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:13:ASP:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:13:ASP:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:13:ASP:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:13:ASP:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:13:ASP:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:13:ASP:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:13:ASP:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:13:ASP:OD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:13:ASP:OD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:14:VAL:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:14:VAL:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:14:VAL:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:14:VAL:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:14:VAL:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:14:VAL:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:14:VAL:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:14:VAL:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:14:VAL:HG11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:14:VAL:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:14:VAL:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:14:VAL:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:14:VAL:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:14:VAL:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:14:VAL:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:14:VAL:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:15:PHE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:15:PHE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:15:PHE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:15:PHE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:15:PHE:CD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:15:PHE:CE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:15:PHE:CE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:15:PHE:CG	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HZ2	2:B:15:PHE:CZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:15:PHE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:15:PHE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:15:PHE:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:15:PHE:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:15:PHE:HD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:15:PHE:HD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:15:PHE:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:15:PHE:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:15:PHE:HZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:15:PHE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ2	2:B:15:PHE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:2:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:2:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:2:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:2:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:2:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:2:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:2:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:2:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:2:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:2:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:2:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:2:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:2:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:2:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:3:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:3:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:3:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:3:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:3:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:3:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:3:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:3:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:3:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:3:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:3:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:3:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:3:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:3:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:3:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:5:GLU:C	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HZ3	2:B:5:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:5:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:5:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:5:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:5:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:5:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:5:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:5:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:5:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:5:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:5:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:5:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:5:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:5:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:6:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:6:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:6:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:6:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:6:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:6:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:6:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:6:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:6:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:6:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:6:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:6:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:6:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:6:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:8:MET:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:8:MET:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:8:MET:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:8:MET:CE	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:8:MET:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:8:MET:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:8:MET:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:8:MET:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:8:MET:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:8:MET:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:8:MET:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:8:MET:HE3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:8:MET:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:8:MET:HG3	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HZ3	2:B:8:MET:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:8:MET:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:8:MET:SD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:9:GLY:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:9:GLY:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:9:GLY:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:9:GLY:HA2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:9:GLY:HA3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:9:GLY:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:9:GLY:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:12:ILE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:12:ILE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:12:ILE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:12:ILE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:12:ILE:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:12:ILE:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:12:ILE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:12:ILE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:12:ILE:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:12:ILE:HD11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:12:ILE:HD12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:12:ILE:HD13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:12:ILE:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:12:ILE:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:12:ILE:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:12:ILE:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:12:ILE:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:12:ILE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:12:ILE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:13:ASP:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:13:ASP:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:13:ASP:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:13:ASP:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:13:ASP:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:13:ASP:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:13:ASP:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:13:ASP:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:13:ASP:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:13:ASP:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:13:ASP:OD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:13:ASP:OD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:14:VAL:C	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:HZ3	2:B:14:VAL:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:14:VAL:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:14:VAL:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:14:VAL:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:14:VAL:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:14:VAL:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:14:VAL:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:14:VAL:HG11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:14:VAL:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:14:VAL:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:14:VAL:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:14:VAL:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:14:VAL:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:14:VAL:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:14:VAL:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:15:PHE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:15:PHE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:15:PHE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:15:PHE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:15:PHE:CD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:15:PHE:CE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:15:PHE:CE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:15:PHE:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:15:PHE:CZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:15:PHE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:15:PHE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:15:PHE:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:15:PHE:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:15:PHE:HD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:15:PHE:HD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:15:PHE:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:15:PHE:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:15:PHE:HZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:15:PHE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:HZ3	2:B:15:PHE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:2:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:2:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:2:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:2:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:2:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:2:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:2:THR:HB	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:N	2:B:2:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:2:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:2:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:2:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:2:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:2:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:2:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:3:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:3:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:3:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:3:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:3:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:3:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:3:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:3:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:3:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:3:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:3:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:3:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:3:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:3:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:3:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:5:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:5:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:5:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:5:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:5:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:5:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:5:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:5:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:5:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:5:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:5:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:5:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:5:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:5:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:5:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:6:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:6:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:6:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:6:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:6:THR:H	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:N	2:B:6:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:6:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:6:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:6:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:6:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:6:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:6:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:6:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:6:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:8:MET:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:8:MET:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:8:MET:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:8:MET:CE	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:8:MET:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:8:MET:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:8:MET:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:8:MET:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:8:MET:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:8:MET:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:8:MET:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:8:MET:HE3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:8:MET:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:8:MET:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:8:MET:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:8:MET:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:8:MET:SD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:9:GLY:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:9:GLY:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:9:GLY:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:9:GLY:HA2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:9:GLY:HA3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:9:GLY:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:9:GLY:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:12:ILE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:12:ILE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:12:ILE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:12:ILE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:12:ILE:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:12:ILE:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:12:ILE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:12:ILE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:12:ILE:HB	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:N	2:B:12:ILE:HD11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:12:ILE:HD12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:12:ILE:HD13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:12:ILE:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:12:ILE:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:12:ILE:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:12:ILE:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:12:ILE:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:12:ILE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:12:ILE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:13:ASP:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:13:ASP:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:13:ASP:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:13:ASP:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:13:ASP:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:13:ASP:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:13:ASP:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:13:ASP:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:13:ASP:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:13:ASP:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:13:ASP:OD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:13:ASP:OD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:14:VAL:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:14:VAL:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:14:VAL:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:14:VAL:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:14:VAL:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:14:VAL:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:14:VAL:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:14:VAL:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:14:VAL:HG11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:14:VAL:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:14:VAL:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:14:VAL:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:14:VAL:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:14:VAL:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:14:VAL:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:14:VAL:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:15:PHE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:15:PHE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:15:PHE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:15:PHE:CD1	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:N	2:B:15:PHE:CD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:15:PHE:CE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:15:PHE:CE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:15:PHE:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:15:PHE:CZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:15:PHE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:15:PHE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:15:PHE:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:15:PHE:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:15:PHE:HD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:15:PHE:HD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:15:PHE:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:15:PHE:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:15:PHE:HZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:15:PHE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:N	2:B:15:PHE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:2:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:2:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:2:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:2:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:2:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:2:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:2:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:2:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:2:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:2:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:2:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:2:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:2:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:2:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:3:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:3:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:3:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:3:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:3:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:3:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:3:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:3:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:3:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:3:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:3:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:3:GLU:N	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:NZ	2:B:3:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:3:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:3:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:5:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:5:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:5:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:5:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:5:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:5:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:5:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:5:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:5:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:5:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:5:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:5:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:5:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:5:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:5:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:6:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:6:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:6:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:6:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:6:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:6:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:6:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:6:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:6:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:6:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:6:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:6:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:6:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:6:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:8:MET:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:8:MET:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:8:MET:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:8:MET:CE	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:8:MET:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:8:MET:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:8:MET:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:8:MET:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:8:MET:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:8:MET:HE1	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:NZ	2:B:8:MET:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:8:MET:HE3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:8:MET:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:8:MET:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:8:MET:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:8:MET:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:8:MET:SD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:9:GLY:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:9:GLY:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:9:GLY:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:9:GLY:HA2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:9:GLY:HA3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:9:GLY:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:9:GLY:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:12:ILE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:12:ILE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:12:ILE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:12:ILE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:12:ILE:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:12:ILE:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:12:ILE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:12:ILE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:12:ILE:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:12:ILE:HD11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:12:ILE:HD12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:12:ILE:HD13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:12:ILE:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:12:ILE:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:12:ILE:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:12:ILE:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:12:ILE:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:12:ILE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:12:ILE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:13:ASP:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:13:ASP:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:13:ASP:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:13:ASP:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:13:ASP:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:13:ASP:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:13:ASP:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:13:ASP:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:13:ASP:N	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:NZ	2:B:13:ASP:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:13:ASP:OD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:13:ASP:OD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:14:VAL:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:14:VAL:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:14:VAL:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:14:VAL:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:14:VAL:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:14:VAL:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:14:VAL:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:14:VAL:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:14:VAL:HG11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:14:VAL:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:14:VAL:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:14:VAL:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:14:VAL:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:14:VAL:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:14:VAL:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:14:VAL:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:15:PHE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:15:PHE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:15:PHE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:15:PHE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:15:PHE:CD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:15:PHE:CE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:15:PHE:CE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:15:PHE:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:15:PHE:CZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:15:PHE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:15:PHE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:15:PHE:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:15:PHE:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:15:PHE:HD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:15:PHE:HD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:15:PHE:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:15:PHE:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:15:PHE:HZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:15:PHE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:NZ	2:B:15:PHE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:2:THR:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:2:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:2:THR:CB	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:O	2:B:2:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:2:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:2:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:2:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:2:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:2:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:2:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:2:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:2:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:2:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:2:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:3:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:3:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:3:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:3:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:3:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:3:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:3:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:3:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:3:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:3:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:3:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:3:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:3:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:3:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:3:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:5:GLU:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:5:GLU:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:5:GLU:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:5:GLU:CD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:5:GLU:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:5:GLU:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:5:GLU:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:5:GLU:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:5:GLU:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:5:GLU:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:5:GLU:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:5:GLU:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:5:GLU:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:5:GLU:OE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:5:GLU:OE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:6:THR:C	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:O	2:B:6:THR:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:6:THR:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:6:THR:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:6:THR:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:6:THR:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:6:THR:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:6:THR:HG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:6:THR:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:6:THR:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:6:THR:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:6:THR:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:6:THR:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:6:THR:OG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:8:MET:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:8:MET:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:8:MET:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:8:MET:CE	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:8:MET:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:8:MET:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:8:MET:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:8:MET:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:8:MET:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:8:MET:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:8:MET:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:8:MET:HE3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:8:MET:HG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:8:MET:HG3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:8:MET:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:8:MET:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:8:MET:SD	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:9:GLY:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:9:GLY:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:9:GLY:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:9:GLY:HA2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:9:GLY:HA3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:9:GLY:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:9:GLY:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:12:ILE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:12:ILE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:12:ILE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:12:ILE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:12:ILE:CG1	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:O	2:B:12:ILE:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:12:ILE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:12:ILE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:12:ILE:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:12:ILE:HD11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:12:ILE:HD12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:12:ILE:HD13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:12:ILE:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:12:ILE:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:12:ILE:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:12:ILE:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:12:ILE:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:12:ILE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:12:ILE:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:13:ASP:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:13:ASP:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:13:ASP:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:13:ASP:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:13:ASP:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:13:ASP:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:13:ASP:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:13:ASP:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:13:ASP:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:13:ASP:O	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:13:ASP:OD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:13:ASP:OD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:14:VAL:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:14:VAL:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:14:VAL:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:14:VAL:CG1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:14:VAL:CG2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:14:VAL:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:14:VAL:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:14:VAL:HB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:14:VAL:HG11	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:14:VAL:HG12	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:14:VAL:HG13	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:14:VAL:HG21	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:14:VAL:HG22	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:14:VAL:HG23	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:14:VAL:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:14:VAL:O	10	3.48	0.07	3.45

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,32)	1:C:110:LYS:O	2:B:15:PHE:C	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:15:PHE:CA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:15:PHE:CB	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:15:PHE:CD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:15:PHE:CD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:15:PHE:CE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:15:PHE:CE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:15:PHE:CG	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:15:PHE:CZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:15:PHE:H	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:15:PHE:HA	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:15:PHE:HB2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:15:PHE:HB3	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:15:PHE:HD1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:15:PHE:HD2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:15:PHE:HE1	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:15:PHE:HE2	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:15:PHE:HZ	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:15:PHE:N	10	3.48	0.07	3.45
(1,32)	1:C:110:LYS:O	2:B:15:PHE:O	10	3.48	0.07	3.45
(1,28)	1:C:68:GLY:C	2:B:2:THR:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:2:THR:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:2:THR:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:2:THR:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:2:THR:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:2:THR:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:2:THR:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:2:THR:HG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:2:THR:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:2:THR:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:2:THR:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:2:THR:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:2:THR:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:2:THR:OG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:3:GLU:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:3:GLU:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:3:GLU:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:3:GLU:CD	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:3:GLU:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:3:GLU:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:3:GLU:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:3:GLU:HB2	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:C	2:B:3:GLU:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:3:GLU:HG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:3:GLU:HG3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:3:GLU:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:3:GLU:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:3:GLU:OE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:3:GLU:OE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:5:GLU:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:5:GLU:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:5:GLU:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:5:GLU:CD	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:5:GLU:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:5:GLU:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:5:GLU:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:5:GLU:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:5:GLU:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:5:GLU:HG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:5:GLU:HG3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:5:GLU:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:5:GLU:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:5:GLU:OE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:5:GLU:OE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:6:THR:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:6:THR:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:6:THR:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:6:THR:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:6:THR:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:6:THR:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:6:THR:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:6:THR:HG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:6:THR:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:6:THR:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:6:THR:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:6:THR:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:6:THR:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:6:THR:OG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:8:MET:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:8:MET:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:8:MET:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:8:MET:CE	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:8:MET:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:8:MET:H	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:C	2:B:8:MET:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:8:MET:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:8:MET:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:8:MET:HE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:8:MET:HE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:8:MET:HE3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:8:MET:HG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:8:MET:HG3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:8:MET:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:8:MET:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:8:MET:SD	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:9:GLY:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:9:GLY:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:9:GLY:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:9:GLY:HA2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:9:GLY:HA3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:9:GLY:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:9:GLY:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:12:ILE:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:12:ILE:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:12:ILE:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:12:ILE:CD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:12:ILE:CG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:12:ILE:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:12:ILE:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:12:ILE:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:12:ILE:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:12:ILE:HD11	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:12:ILE:HD12	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:12:ILE:HD13	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:12:ILE:HG12	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:12:ILE:HG13	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:12:ILE:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:12:ILE:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:12:ILE:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:12:ILE:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:12:ILE:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:13:ASP:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:13:ASP:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:13:ASP:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:13:ASP:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:13:ASP:H	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:C	2:B:13:ASP:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:13:ASP:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:13:ASP:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:13:ASP:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:13:ASP:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:13:ASP:OD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:13:ASP:OD2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:14:VAL:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:14:VAL:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:14:VAL:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:14:VAL:CG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:14:VAL:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:14:VAL:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:14:VAL:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:14:VAL:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:14:VAL:HG11	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:14:VAL:HG12	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:14:VAL:HG13	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:14:VAL:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:14:VAL:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:14:VAL:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:14:VAL:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:14:VAL:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:15:PHE:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:15:PHE:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:15:PHE:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:15:PHE:CD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:15:PHE:CD2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:15:PHE:CE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:15:PHE:CE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:15:PHE:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:15:PHE:CZ	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:15:PHE:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:15:PHE:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:15:PHE:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:15:PHE:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:15:PHE:HD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:15:PHE:HD2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:15:PHE:HE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:15:PHE:HE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:15:PHE:HZ	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:C	2:B:15:PHE:N	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:C	2:B:15:PHE:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:2:THR:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:2:THR:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:2:THR:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:2:THR:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:2:THR:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:2:THR:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:2:THR:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:2:THR:HG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:2:THR:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:2:THR:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:2:THR:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:2:THR:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:2:THR:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:2:THR:OG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:3:GLU:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:3:GLU:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:3:GLU:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:3:GLU:CD	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:3:GLU:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:3:GLU:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:3:GLU:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:3:GLU:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:3:GLU:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:3:GLU:HG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:3:GLU:HG3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:3:GLU:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:3:GLU:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:3:GLU:OE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:3:GLU:OE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:5:GLU:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:5:GLU:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:5:GLU:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:5:GLU:CD	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:5:GLU:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:5:GLU:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:5:GLU:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:5:GLU:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:5:GLU:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:5:GLU:HG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:5:GLU:HG3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:5:GLU:N	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:CA	2:B:5:GLU:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:5:GLU:OE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:5:GLU:OE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:6:THR:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:6:THR:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:6:THR:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:6:THR:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:6:THR:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:6:THR:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:6:THR:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:6:THR:HG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:6:THR:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:6:THR:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:6:THR:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:6:THR:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:6:THR:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:6:THR:OG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:8:MET:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:8:MET:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:8:MET:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:8:MET:CE	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:8:MET:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:8:MET:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:8:MET:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:8:MET:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:8:MET:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:8:MET:HE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:8:MET:HE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:8:MET:HE3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:8:MET:HG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:8:MET:HG3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:8:MET:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:8:MET:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:8:MET:SD	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:9:GLY:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:9:GLY:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:9:GLY:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:9:GLY:HA2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:9:GLY:HA3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:9:GLY:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:9:GLY:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:12:ILE:C	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:CA	2:B:12:ILE:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:12:ILE:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:12:ILE:CD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:12:ILE:CG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:12:ILE:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:12:ILE:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:12:ILE:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:12:ILE:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:12:ILE:HD11	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:12:ILE:HD12	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:12:ILE:HD13	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:12:ILE:HG12	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:12:ILE:HG13	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:12:ILE:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:12:ILE:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:12:ILE:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:12:ILE:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:12:ILE:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:13:ASP:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:13:ASP:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:13:ASP:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:13:ASP:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:13:ASP:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:13:ASP:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:13:ASP:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:13:ASP:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:13:ASP:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:13:ASP:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:13:ASP:OD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:13:ASP:OD2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:14:VAL:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:14:VAL:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:14:VAL:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:14:VAL:CG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:14:VAL:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:14:VAL:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:14:VAL:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:14:VAL:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:14:VAL:HG11	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:14:VAL:HG12	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:14:VAL:HG13	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:14:VAL:HG21	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:CA	2:B:14:VAL:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:14:VAL:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:14:VAL:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:14:VAL:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:15:PHE:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:15:PHE:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:15:PHE:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:15:PHE:CD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:15:PHE:CD2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:15:PHE:CE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:15:PHE:CE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:15:PHE:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:15:PHE:CZ	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:15:PHE:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:15:PHE:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:15:PHE:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:15:PHE:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:15:PHE:HD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:15:PHE:HD2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:15:PHE:HE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:15:PHE:HE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:15:PHE:HZ	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:15:PHE:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:CA	2:B:15:PHE:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:2:THR:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:2:THR:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:2:THR:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:2:THR:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:2:THR:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:2:THR:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:2:THR:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:2:THR:HG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:2:THR:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:2:THR:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:2:THR:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:2:THR:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:2:THR:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:2:THR:OG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:3:GLU:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:3:GLU:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:3:GLU:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:3:GLU:CD	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:H	2:B:3:GLU:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:3:GLU:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:3:GLU:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:3:GLU:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:3:GLU:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:3:GLU:HG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:3:GLU:HG3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:3:GLU:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:3:GLU:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:3:GLU:OE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:3:GLU:OE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:5:GLU:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:5:GLU:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:5:GLU:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:5:GLU:CD	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:5:GLU:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:5:GLU:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:5:GLU:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:5:GLU:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:5:GLU:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:5:GLU:HG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:5:GLU:HG3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:5:GLU:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:5:GLU:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:5:GLU:OE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:5:GLU:OE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:6:THR:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:6:THR:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:6:THR:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:6:THR:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:6:THR:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:6:THR:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:6:THR:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:6:THR:HG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:6:THR:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:6:THR:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:6:THR:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:6:THR:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:6:THR:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:6:THR:OG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:8:MET:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:8:MET:CA	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:H	2:B:8:MET:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:8:MET:CE	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:8:MET:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:8:MET:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:8:MET:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:8:MET:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:8:MET:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:8:MET:HE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:8:MET:HE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:8:MET:HE3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:8:MET:HG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:8:MET:HG3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:8:MET:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:8:MET:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:8:MET:SD	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:9:GLY:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:9:GLY:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:9:GLY:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:9:GLY:HA2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:9:GLY:HA3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:9:GLY:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:9:GLY:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:12:ILE:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:12:ILE:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:12:ILE:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:12:ILE:CD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:12:ILE:CG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:12:ILE:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:12:ILE:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:12:ILE:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:12:ILE:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:12:ILE:HD11	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:12:ILE:HD12	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:12:ILE:HD13	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:12:ILE:HG12	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:12:ILE:HG13	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:12:ILE:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:12:ILE:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:12:ILE:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:12:ILE:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:12:ILE:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:13:ASP:C	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:H	2:B:13:ASP:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:13:ASP:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:13:ASP:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:13:ASP:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:13:ASP:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:13:ASP:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:13:ASP:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:13:ASP:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:13:ASP:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:13:ASP:OD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:13:ASP:OD2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:14:VAL:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:14:VAL:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:14:VAL:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:14:VAL:CG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:14:VAL:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:14:VAL:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:14:VAL:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:14:VAL:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:14:VAL:HG11	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:14:VAL:HG12	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:14:VAL:HG13	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:14:VAL:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:14:VAL:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:14:VAL:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:14:VAL:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:14:VAL:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:15:PHE:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:15:PHE:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:15:PHE:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:15:PHE:CD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:15:PHE:CD2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:15:PHE:CE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:15:PHE:CE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:15:PHE:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:15:PHE:CZ	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:15:PHE:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:15:PHE:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:15:PHE:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:15:PHE:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:15:PHE:HD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:15:PHE:HD2	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:H	2:B:15:PHE:HE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:15:PHE:HE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:15:PHE:HZ	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:15:PHE:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:H	2:B:15:PHE:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:2:THR:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:2:THR:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:2:THR:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:2:THR:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:2:THR:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:2:THR:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:2:THR:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:2:THR:HG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:2:THR:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:2:THR:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:2:THR:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:2:THR:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:2:THR:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:2:THR:OG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:3:GLU:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:3:GLU:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:3:GLU:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:3:GLU:CD	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:3:GLU:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:3:GLU:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:3:GLU:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:3:GLU:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:3:GLU:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:3:GLU:HG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:3:GLU:HG3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:3:GLU:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:3:GLU:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:3:GLU:OE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:3:GLU:OE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:5:GLU:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:5:GLU:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:5:GLU:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:5:GLU:CD	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:5:GLU:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:5:GLU:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:5:GLU:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:5:GLU:HB2	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:HA2	2:B:5:GLU:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:5:GLU:HG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:5:GLU:HG3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:5:GLU:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:5:GLU:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:5:GLU:OE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:5:GLU:OE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:6:THR:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:6:THR:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:6:THR:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:6:THR:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:6:THR:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:6:THR:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:6:THR:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:6:THR:HG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:6:THR:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:6:THR:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:6:THR:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:6:THR:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:6:THR:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:6:THR:OG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:8:MET:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:8:MET:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:8:MET:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:8:MET:CE	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:8:MET:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:8:MET:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:8:MET:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:8:MET:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:8:MET:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:8:MET:HE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:8:MET:HE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:8:MET:HE3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:8:MET:HG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:8:MET:HG3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:8:MET:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:8:MET:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:8:MET:SD	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:9:GLY:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:9:GLY:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:9:GLY:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:9:GLY:HA2	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:HA2	2:B:9:GLY:HA3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:9:GLY:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:9:GLY:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:12:ILE:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:12:ILE:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:12:ILE:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:12:ILE:CD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:12:ILE:CG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:12:ILE:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:12:ILE:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:12:ILE:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:12:ILE:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:12:ILE:HD11	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:12:ILE:HD12	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:12:ILE:HD13	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:12:ILE:HG12	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:12:ILE:HG13	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:12:ILE:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:12:ILE:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:12:ILE:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:12:ILE:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:12:ILE:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:13:ASP:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:13:ASP:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:13:ASP:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:13:ASP:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:13:ASP:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:13:ASP:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:13:ASP:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:13:ASP:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:13:ASP:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:13:ASP:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:13:ASP:OD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:13:ASP:OD2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:14:VAL:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:14:VAL:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:14:VAL:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:14:VAL:CG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:14:VAL:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:14:VAL:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:14:VAL:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:14:VAL:HB	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:HA2	2:B:14:VAL:HG11	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:14:VAL:HG12	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:14:VAL:HG13	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:14:VAL:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:14:VAL:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:14:VAL:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:14:VAL:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:14:VAL:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:15:PHE:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:15:PHE:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:15:PHE:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:15:PHE:CD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:15:PHE:CD2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:15:PHE:CE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:15:PHE:CE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:15:PHE:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:15:PHE:CZ	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:15:PHE:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:15:PHE:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:15:PHE:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:15:PHE:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:15:PHE:HD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:15:PHE:HD2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:15:PHE:HE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:15:PHE:HE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:15:PHE:HZ	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:15:PHE:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA2	2:B:15:PHE:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:2:THR:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:2:THR:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:2:THR:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:2:THR:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:2:THR:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:2:THR:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:2:THR:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:2:THR:HG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:2:THR:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:2:THR:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:2:THR:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:2:THR:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:2:THR:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:2:THR:OG1	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:HA3	2:B:3:GLU:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:3:GLU:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:3:GLU:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:3:GLU:CD	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:3:GLU:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:3:GLU:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:3:GLU:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:3:GLU:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:3:GLU:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:3:GLU:HG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:3:GLU:HG3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:3:GLU:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:3:GLU:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:3:GLU:OE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:3:GLU:OE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:5:GLU:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:5:GLU:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:5:GLU:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:5:GLU:CD	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:5:GLU:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:5:GLU:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:5:GLU:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:5:GLU:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:5:GLU:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:5:GLU:HG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:5:GLU:HG3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:5:GLU:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:5:GLU:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:5:GLU:OE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:5:GLU:OE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:6:THR:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:6:THR:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:6:THR:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:6:THR:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:6:THR:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:6:THR:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:6:THR:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:6:THR:HG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:6:THR:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:6:THR:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:6:THR:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:6:THR:N	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:HA3	2:B:6:THR:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:6:THR:OG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:8:MET:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:8:MET:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:8:MET:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:8:MET:CE	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:8:MET:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:8:MET:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:8:MET:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:8:MET:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:8:MET:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:8:MET:HE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:8:MET:HE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:8:MET:HE3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:8:MET:HG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:8:MET:HG3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:8:MET:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:8:MET:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:8:MET:SD	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:9:GLY:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:9:GLY:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:9:GLY:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:9:GLY:HA2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:9:GLY:HA3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:9:GLY:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:9:GLY:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:12:ILE:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:12:ILE:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:12:ILE:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:12:ILE:CD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:12:ILE:CG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:12:ILE:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:12:ILE:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:12:ILE:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:12:ILE:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:12:ILE:HD11	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:12:ILE:HD12	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:12:ILE:HD13	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:12:ILE:HG12	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:12:ILE:HG13	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:12:ILE:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:12:ILE:HG22	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:HA3	2:B:12:ILE:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:12:ILE:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:12:ILE:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:13:ASP:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:13:ASP:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:13:ASP:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:13:ASP:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:13:ASP:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:13:ASP:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:13:ASP:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:13:ASP:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:13:ASP:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:13:ASP:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:13:ASP:OD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:13:ASP:OD2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:14:VAL:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:14:VAL:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:14:VAL:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:14:VAL:CG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:14:VAL:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:14:VAL:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:14:VAL:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:14:VAL:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:14:VAL:HG11	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:14:VAL:HG12	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:14:VAL:HG13	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:14:VAL:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:14:VAL:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:14:VAL:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:14:VAL:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:14:VAL:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:15:PHE:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:15:PHE:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:15:PHE:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:15:PHE:CD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:15:PHE:CD2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:15:PHE:CE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:15:PHE:CE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:15:PHE:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:15:PHE:CZ	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:15:PHE:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:15:PHE:HA	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:HA3	2:B:15:PHE:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:15:PHE:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:15:PHE:HD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:15:PHE:HD2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:15:PHE:HE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:15:PHE:HE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:15:PHE:HZ	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:15:PHE:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:HA3	2:B:15:PHE:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:2:THR:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:2:THR:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:2:THR:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:2:THR:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:2:THR:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:2:THR:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:2:THR:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:2:THR:HG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:2:THR:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:2:THR:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:2:THR:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:2:THR:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:2:THR:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:2:THR:OG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:3:GLU:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:3:GLU:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:3:GLU:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:3:GLU:CD	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:3:GLU:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:3:GLU:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:3:GLU:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:3:GLU:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:3:GLU:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:3:GLU:HG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:3:GLU:HG3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:3:GLU:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:3:GLU:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:3:GLU:OE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:3:GLU:OE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:5:GLU:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:5:GLU:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:5:GLU:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:5:GLU:CD	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:N	2:B:5:GLU:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:5:GLU:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:5:GLU:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:5:GLU:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:5:GLU:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:5:GLU:HG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:5:GLU:HG3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:5:GLU:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:5:GLU:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:5:GLU:OE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:5:GLU:OE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:6:THR:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:6:THR:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:6:THR:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:6:THR:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:6:THR:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:6:THR:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:6:THR:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:6:THR:HG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:6:THR:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:6:THR:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:6:THR:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:6:THR:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:6:THR:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:6:THR:OG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:8:MET:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:8:MET:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:8:MET:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:8:MET:CE	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:8:MET:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:8:MET:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:8:MET:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:8:MET:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:8:MET:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:8:MET:HE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:8:MET:HE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:8:MET:HE3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:8:MET:HG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:8:MET:HG3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:8:MET:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:8:MET:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:8:MET:SD	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:N	2:B:9:GLY:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:9:GLY:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:9:GLY:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:9:GLY:HA2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:9:GLY:HA3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:9:GLY:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:9:GLY:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:12:ILE:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:12:ILE:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:12:ILE:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:12:ILE:CD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:12:ILE:CG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:12:ILE:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:12:ILE:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:12:ILE:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:12:ILE:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:12:ILE:HD11	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:12:ILE:HD12	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:12:ILE:HD13	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:12:ILE:HG12	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:12:ILE:HG13	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:12:ILE:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:12:ILE:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:12:ILE:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:12:ILE:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:12:ILE:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:13:ASP:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:13:ASP:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:13:ASP:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:13:ASP:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:13:ASP:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:13:ASP:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:13:ASP:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:13:ASP:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:13:ASP:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:13:ASP:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:13:ASP:OD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:13:ASP:OD2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:14:VAL:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:14:VAL:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:14:VAL:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:14:VAL:CG1	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:N	2:B:14:VAL:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:14:VAL:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:14:VAL:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:14:VAL:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:14:VAL:HG11	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:14:VAL:HG12	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:14:VAL:HG13	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:14:VAL:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:14:VAL:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:14:VAL:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:14:VAL:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:14:VAL:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:15:PHE:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:15:PHE:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:15:PHE:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:15:PHE:CD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:15:PHE:CD2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:15:PHE:CE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:15:PHE:CE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:15:PHE:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:15:PHE:CZ	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:15:PHE:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:15:PHE:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:15:PHE:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:15:PHE:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:15:PHE:HD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:15:PHE:HD2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:15:PHE:HE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:15:PHE:HE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:15:PHE:HZ	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:15:PHE:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:N	2:B:15:PHE:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:2:THR:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:2:THR:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:2:THR:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:2:THR:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:2:THR:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:2:THR:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:2:THR:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:2:THR:HG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:2:THR:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:2:THR:HG22	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:O	2:B:2:THR:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:2:THR:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:2:THR:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:2:THR:OG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:3:GLU:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:3:GLU:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:3:GLU:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:3:GLU:CD	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:3:GLU:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:3:GLU:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:3:GLU:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:3:GLU:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:3:GLU:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:3:GLU:HG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:3:GLU:HG3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:3:GLU:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:3:GLU:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:3:GLU:OE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:3:GLU:OE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:5:GLU:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:5:GLU:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:5:GLU:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:5:GLU:CD	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:5:GLU:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:5:GLU:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:5:GLU:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:5:GLU:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:5:GLU:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:5:GLU:HG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:5:GLU:HG3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:5:GLU:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:5:GLU:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:5:GLU:OE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:5:GLU:OE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:6:THR:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:6:THR:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:6:THR:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:6:THR:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:6:THR:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:6:THR:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:6:THR:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:6:THR:HG1	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:O	2:B:6:THR:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:6:THR:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:6:THR:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:6:THR:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:6:THR:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:6:THR:OG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:8:MET:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:8:MET:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:8:MET:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:8:MET:CE	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:8:MET:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:8:MET:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:8:MET:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:8:MET:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:8:MET:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:8:MET:HE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:8:MET:HE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:8:MET:HE3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:8:MET:HG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:8:MET:HG3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:8:MET:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:8:MET:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:8:MET:SD	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:9:GLY:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:9:GLY:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:9:GLY:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:9:GLY:HA2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:9:GLY:HA3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:9:GLY:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:9:GLY:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:12:ILE:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:12:ILE:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:12:ILE:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:12:ILE:CD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:12:ILE:CG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:12:ILE:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:12:ILE:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:12:ILE:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:12:ILE:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:12:ILE:HD11	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:12:ILE:HD12	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:12:ILE:HD13	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:O	2:B:12:ILE:HG12	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:12:ILE:HG13	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:12:ILE:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:12:ILE:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:12:ILE:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:12:ILE:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:12:ILE:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:13:ASP:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:13:ASP:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:13:ASP:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:13:ASP:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:13:ASP:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:13:ASP:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:13:ASP:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:13:ASP:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:13:ASP:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:13:ASP:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:13:ASP:OD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:13:ASP:OD2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:14:VAL:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:14:VAL:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:14:VAL:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:14:VAL:CG1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:14:VAL:CG2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:14:VAL:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:14:VAL:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:14:VAL:HB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:14:VAL:HG11	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:14:VAL:HG12	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:14:VAL:HG13	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:14:VAL:HG21	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:14:VAL:HG22	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:14:VAL:HG23	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:14:VAL:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:14:VAL:O	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:15:PHE:C	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:15:PHE:CA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:15:PHE:CB	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:15:PHE:CD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:15:PHE:CD2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:15:PHE:CE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:15:PHE:CE2	10	3.02	0.18	2.98

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,28)	1:C:68:GLY:O	2:B:15:PHE:CG	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:15:PHE:CZ	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:15:PHE:H	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:15:PHE:HA	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:15:PHE:HB2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:15:PHE:HB3	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:15:PHE:HD1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:15:PHE:HD2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:15:PHE:HE1	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:15:PHE:HE2	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:15:PHE:HZ	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:15:PHE:N	10	3.02	0.18	2.98
(1,28)	1:C:68:GLY:O	2:B:15:PHE:O	10	3.02	0.18	2.98
(1,29)	1:C:100:GLN:C	2:B:2:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:2:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:2:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:2:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:2:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:2:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:2:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:2:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:2:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:2:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:2:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:2:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:2:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:2:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:3:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:3:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:3:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:3:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:3:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:3:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:3:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:3:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:3:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:3:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:3:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:3:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:3:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:3:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:3:GLU:OE2	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:C	2:B:5:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:5:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:5:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:5:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:5:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:5:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:5:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:5:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:5:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:5:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:5:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:5:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:5:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:5:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:5:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:6:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:6:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:6:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:6:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:6:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:6:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:6:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:6:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:6:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:6:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:6:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:6:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:6:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:6:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:8:MET:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:8:MET:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:8:MET:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:8:MET:CE	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:8:MET:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:8:MET:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:8:MET:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:8:MET:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:8:MET:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:8:MET:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:8:MET:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:8:MET:HE3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:8:MET:HG2	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:C	2:B:8:MET:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:8:MET:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:8:MET:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:8:MET:SD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:9:GLY:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:9:GLY:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:9:GLY:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:9:GLY:HA2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:9:GLY:HA3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:9:GLY:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:9:GLY:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:12:ILE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:12:ILE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:12:ILE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:12:ILE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:12:ILE:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:12:ILE:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:12:ILE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:12:ILE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:12:ILE:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:12:ILE:HD11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:12:ILE:HD12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:12:ILE:HD13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:12:ILE:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:12:ILE:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:12:ILE:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:12:ILE:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:12:ILE:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:12:ILE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:12:ILE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:13:ASP:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:13:ASP:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:13:ASP:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:13:ASP:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:13:ASP:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:13:ASP:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:13:ASP:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:13:ASP:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:13:ASP:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:13:ASP:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:13:ASP:OD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:13:ASP:OD2	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:C	2:B:14:VAL:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:14:VAL:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:14:VAL:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:14:VAL:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:14:VAL:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:14:VAL:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:14:VAL:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:14:VAL:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:14:VAL:HG11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:14:VAL:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:14:VAL:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:14:VAL:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:14:VAL:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:14:VAL:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:14:VAL:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:14:VAL:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:15:PHE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:15:PHE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:15:PHE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:15:PHE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:15:PHE:CD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:15:PHE:CE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:15:PHE:CE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:15:PHE:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:15:PHE:CZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:15:PHE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:15:PHE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:15:PHE:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:15:PHE:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:15:PHE:HD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:15:PHE:HD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:15:PHE:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:15:PHE:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:15:PHE:HZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:15:PHE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:C	2:B:15:PHE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:2:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:2:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:2:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:2:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:2:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:2:THR:HA	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:CA	2:B:2:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:2:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:2:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:2:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:2:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:2:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:2:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:2:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:3:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:3:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:3:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:3:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:3:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:3:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:3:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:3:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:3:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:3:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:3:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:3:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:3:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:3:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:3:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:5:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:5:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:5:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:5:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:5:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:5:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:5:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:5:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:5:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:5:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:5:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:5:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:5:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:5:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:5:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:6:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:6:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:6:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:6:THR:CG2	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:CA	2:B:6:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:6:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:6:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:6:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:6:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:6:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:6:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:6:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:6:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:6:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:8:MET:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:8:MET:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:8:MET:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:8:MET:CE	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:8:MET:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:8:MET:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:8:MET:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:8:MET:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:8:MET:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:8:MET:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:8:MET:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:8:MET:HE3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:8:MET:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:8:MET:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:8:MET:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:8:MET:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:8:MET:SD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:9:GLY:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:9:GLY:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:9:GLY:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:9:GLY:HA2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:9:GLY:HA3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:9:GLY:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:9:GLY:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:12:ILE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:12:ILE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:12:ILE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:12:ILE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:12:ILE:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:12:ILE:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:12:ILE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:12:ILE:HA	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:CA	2:B:12:ILE:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:12:ILE:HD11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:12:ILE:HD12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:12:ILE:HD13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:12:ILE:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:12:ILE:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:12:ILE:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:12:ILE:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:12:ILE:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:12:ILE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:12:ILE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:13:ASP:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:13:ASP:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:13:ASP:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:13:ASP:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:13:ASP:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:13:ASP:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:13:ASP:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:13:ASP:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:13:ASP:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:13:ASP:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:13:ASP:OD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:13:ASP:OD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:14:VAL:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:14:VAL:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:14:VAL:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:14:VAL:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:14:VAL:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:14:VAL:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:14:VAL:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:14:VAL:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:14:VAL:HG11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:14:VAL:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:14:VAL:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:14:VAL:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:14:VAL:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:14:VAL:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:14:VAL:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:14:VAL:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:15:PHE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:15:PHE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:15:PHE:CB	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:CA	2:B:15:PHE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:15:PHE:CD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:15:PHE:CE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:15:PHE:CE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:15:PHE:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:15:PHE:CZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:15:PHE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:15:PHE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:15:PHE:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:15:PHE:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:15:PHE:HD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:15:PHE:HD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:15:PHE:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:15:PHE:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:15:PHE:HZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:15:PHE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CA	2:B:15:PHE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:2:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:2:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:2:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:2:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:2:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:2:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:2:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:2:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:2:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:2:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:2:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:2:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:2:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:2:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:3:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:3:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:3:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:3:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:3:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:3:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:3:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:3:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:3:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:3:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:3:GLU:HG3	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:CB	2:B:3:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:3:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:3:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:3:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:5:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:5:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:5:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:5:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:5:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:5:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:5:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:5:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:5:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:5:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:5:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:5:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:5:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:5:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:5:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:6:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:6:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:6:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:6:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:6:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:6:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:6:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:6:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:6:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:6:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:6:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:6:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:6:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:6:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:8:MET:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:8:MET:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:8:MET:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:8:MET:CE	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:8:MET:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:8:MET:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:8:MET:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:8:MET:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:8:MET:HB3	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:CB	2:B:8:MET:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:8:MET:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:8:MET:HE3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:8:MET:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:8:MET:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:8:MET:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:8:MET:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:8:MET:SD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:9:GLY:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:9:GLY:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:9:GLY:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:9:GLY:HA2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:9:GLY:HA3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:9:GLY:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:9:GLY:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:12:ILE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:12:ILE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:12:ILE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:12:ILE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:12:ILE:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:12:ILE:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:12:ILE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:12:ILE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:12:ILE:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:12:ILE:HD11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:12:ILE:HD12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:12:ILE:HD13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:12:ILE:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:12:ILE:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:12:ILE:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:12:ILE:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:12:ILE:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:12:ILE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:12:ILE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:13:ASP:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:13:ASP:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:13:ASP:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:13:ASP:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:13:ASP:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:13:ASP:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:13:ASP:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:13:ASP:HB3	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:CB	2:B:13:ASP:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:13:ASP:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:13:ASP:OD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:13:ASP:OD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:14:VAL:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:14:VAL:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:14:VAL:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:14:VAL:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:14:VAL:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:14:VAL:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:14:VAL:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:14:VAL:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:14:VAL:HG11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:14:VAL:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:14:VAL:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:14:VAL:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:14:VAL:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:14:VAL:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:14:VAL:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:14:VAL:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:15:PHE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:15:PHE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:15:PHE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:15:PHE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:15:PHE:CD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:15:PHE:CE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:15:PHE:CE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:15:PHE:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:15:PHE:CZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:15:PHE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:15:PHE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:15:PHE:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:15:PHE:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:15:PHE:HD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:15:PHE:HD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:15:PHE:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:15:PHE:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:15:PHE:HZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:15:PHE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CB	2:B:15:PHE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:2:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:2:THR:CA	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:CD	2:B:2:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:2:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:2:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:2:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:2:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:2:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:2:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:2:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:2:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:2:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:2:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:2:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:3:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:3:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:3:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:3:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:3:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:3:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:3:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:3:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:3:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:3:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:3:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:3:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:3:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:3:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:3:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:5:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:5:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:5:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:5:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:5:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:5:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:5:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:5:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:5:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:5:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:5:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:5:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:5:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:5:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:5:GLU:OE2	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:CD	2:B:6:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:6:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:6:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:6:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:6:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:6:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:6:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:6:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:6:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:6:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:6:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:6:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:6:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:6:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:8:MET:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:8:MET:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:8:MET:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:8:MET:CE	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:8:MET:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:8:MET:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:8:MET:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:8:MET:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:8:MET:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:8:MET:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:8:MET:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:8:MET:HE3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:8:MET:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:8:MET:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:8:MET:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:8:MET:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:8:MET:SD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:9:GLY:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:9:GLY:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:9:GLY:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:9:GLY:HA2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:9:GLY:HA3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:9:GLY:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:9:GLY:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:12:ILE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:12:ILE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:12:ILE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:12:ILE:CD1	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:CD	2:B:12:ILE:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:12:ILE:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:12:ILE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:12:ILE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:12:ILE:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:12:ILE:HD11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:12:ILE:HD12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:12:ILE:HD13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:12:ILE:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:12:ILE:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:12:ILE:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:12:ILE:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:12:ILE:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:12:ILE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:12:ILE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:13:ASP:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:13:ASP:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:13:ASP:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:13:ASP:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:13:ASP:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:13:ASP:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:13:ASP:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:13:ASP:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:13:ASP:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:13:ASP:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:13:ASP:OD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:13:ASP:OD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:14:VAL:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:14:VAL:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:14:VAL:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:14:VAL:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:14:VAL:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:14:VAL:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:14:VAL:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:14:VAL:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:14:VAL:HG11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:14:VAL:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:14:VAL:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:14:VAL:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:14:VAL:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:14:VAL:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:14:VAL:N	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:CD	2:B:14:VAL:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:15:PHE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:15:PHE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:15:PHE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:15:PHE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:15:PHE:CD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:15:PHE:CE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:15:PHE:CE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:15:PHE:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:15:PHE:CZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:15:PHE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:15:PHE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:15:PHE:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:15:PHE:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:15:PHE:HD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:15:PHE:HD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:15:PHE:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:15:PHE:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:15:PHE:HZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:15:PHE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CD	2:B:15:PHE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:2:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:2:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:2:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:2:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:2:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:2:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:2:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:2:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:2:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:2:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:2:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:2:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:2:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:2:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:3:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:3:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:3:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:3:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:3:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:3:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:3:GLU:HA	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:CG	2:B:3:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:3:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:3:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:3:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:3:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:3:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:3:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:3:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:5:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:5:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:5:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:5:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:5:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:5:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:5:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:5:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:5:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:5:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:5:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:5:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:5:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:5:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:5:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:6:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:6:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:6:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:6:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:6:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:6:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:6:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:6:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:6:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:6:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:6:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:6:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:6:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:6:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:8:MET:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:8:MET:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:8:MET:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:8:MET:CE	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:8:MET:CG	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:CG	2:B:8:MET:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:8:MET:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:8:MET:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:8:MET:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:8:MET:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:8:MET:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:8:MET:HE3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:8:MET:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:8:MET:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:8:MET:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:8:MET:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:8:MET:SD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:9:GLY:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:9:GLY:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:9:GLY:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:9:GLY:HA2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:9:GLY:HA3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:9:GLY:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:9:GLY:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:12:ILE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:12:ILE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:12:ILE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:12:ILE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:12:ILE:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:12:ILE:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:12:ILE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:12:ILE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:12:ILE:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:12:ILE:HD11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:12:ILE:HD12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:12:ILE:HD13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:12:ILE:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:12:ILE:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:12:ILE:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:12:ILE:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:12:ILE:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:12:ILE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:12:ILE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:13:ASP:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:13:ASP:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:13:ASP:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:13:ASP:CG	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:CG	2:B:13:ASP:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:13:ASP:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:13:ASP:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:13:ASP:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:13:ASP:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:13:ASP:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:13:ASP:OD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:13:ASP:OD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:14:VAL:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:14:VAL:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:14:VAL:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:14:VAL:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:14:VAL:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:14:VAL:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:14:VAL:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:14:VAL:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:14:VAL:HG11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:14:VAL:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:14:VAL:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:14:VAL:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:14:VAL:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:14:VAL:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:14:VAL:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:14:VAL:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:15:PHE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:15:PHE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:15:PHE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:15:PHE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:15:PHE:CD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:15:PHE:CE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:15:PHE:CE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:15:PHE:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:15:PHE:CZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:15:PHE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:15:PHE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:15:PHE:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:15:PHE:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:15:PHE:HD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:15:PHE:HD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:15:PHE:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:15:PHE:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:15:PHE:HZ	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:CG	2:B:15:PHE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:CG	2:B:15:PHE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:2:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:2:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:2:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:2:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:2:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:2:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:2:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:2:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:2:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:2:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:2:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:2:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:2:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:2:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:3:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:3:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:3:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:3:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:3:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:3:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:3:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:3:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:3:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:3:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:3:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:3:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:3:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:3:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:3:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:5:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:5:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:5:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:5:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:5:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:5:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:5:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:5:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:5:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:5:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:5:GLU:HG3	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:H	2:B:5:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:5:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:5:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:5:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:6:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:6:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:6:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:6:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:6:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:6:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:6:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:6:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:6:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:6:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:6:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:6:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:6:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:6:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:8:MET:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:8:MET:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:8:MET:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:8:MET:CE	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:8:MET:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:8:MET:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:8:MET:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:8:MET:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:8:MET:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:8:MET:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:8:MET:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:8:MET:HE3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:8:MET:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:8:MET:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:8:MET:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:8:MET:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:8:MET:SD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:9:GLY:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:9:GLY:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:9:GLY:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:9:GLY:HA2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:9:GLY:HA3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:9:GLY:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:9:GLY:O	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:H	2:B:12:ILE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:12:ILE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:12:ILE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:12:ILE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:12:ILE:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:12:ILE:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:12:ILE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:12:ILE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:12:ILE:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:12:ILE:HD11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:12:ILE:HD12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:12:ILE:HD13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:12:ILE:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:12:ILE:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:12:ILE:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:12:ILE:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:12:ILE:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:12:ILE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:12:ILE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:13:ASP:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:13:ASP:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:13:ASP:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:13:ASP:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:13:ASP:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:13:ASP:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:13:ASP:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:13:ASP:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:13:ASP:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:13:ASP:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:13:ASP:OD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:13:ASP:OD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:14:VAL:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:14:VAL:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:14:VAL:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:14:VAL:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:14:VAL:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:14:VAL:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:14:VAL:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:14:VAL:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:14:VAL:HG11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:14:VAL:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:14:VAL:HG13	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:H	2:B:14:VAL:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:14:VAL:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:14:VAL:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:14:VAL:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:14:VAL:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:15:PHE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:15:PHE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:15:PHE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:15:PHE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:15:PHE:CD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:15:PHE:CE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:15:PHE:CE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:15:PHE:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:15:PHE:CZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:15:PHE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:15:PHE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:15:PHE:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:15:PHE:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:15:PHE:HD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:15:PHE:HD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:15:PHE:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:15:PHE:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:15:PHE:HZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:15:PHE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:H	2:B:15:PHE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:2:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:2:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:2:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:2:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:2:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:2:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:2:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:2:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:2:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:2:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:2:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:2:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:2:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:2:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:3:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:3:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:3:GLU:CB	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HA	2:B:3:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:3:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:3:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:3:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:3:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:3:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:3:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:3:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:3:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:3:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:3:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:3:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:5:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:5:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:5:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:5:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:5:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:5:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:5:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:5:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:5:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:5:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:5:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:5:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:5:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:5:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:5:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:6:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:6:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:6:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:6:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:6:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:6:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:6:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:6:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:6:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:6:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:6:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:6:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:6:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:6:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:8:MET:C	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HA	2:B:8:MET:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:8:MET:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:8:MET:CE	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:8:MET:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:8:MET:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:8:MET:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:8:MET:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:8:MET:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:8:MET:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:8:MET:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:8:MET:HE3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:8:MET:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:8:MET:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:8:MET:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:8:MET:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:8:MET:SD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:9:GLY:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:9:GLY:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:9:GLY:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:9:GLY:HA2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:9:GLY:HA3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:9:GLY:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:9:GLY:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:12:ILE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:12:ILE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:12:ILE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:12:ILE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:12:ILE:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:12:ILE:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:12:ILE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:12:ILE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:12:ILE:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:12:ILE:HD11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:12:ILE:HD12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:12:ILE:HD13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:12:ILE:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:12:ILE:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:12:ILE:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:12:ILE:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:12:ILE:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:12:ILE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:12:ILE:O	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HA	2:B:13:ASP:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:13:ASP:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:13:ASP:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:13:ASP:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:13:ASP:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:13:ASP:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:13:ASP:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:13:ASP:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:13:ASP:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:13:ASP:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:13:ASP:OD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:13:ASP:OD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:14:VAL:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:14:VAL:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:14:VAL:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:14:VAL:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:14:VAL:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:14:VAL:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:14:VAL:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:14:VAL:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:14:VAL:HG11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:14:VAL:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:14:VAL:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:14:VAL:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:14:VAL:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:14:VAL:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:14:VAL:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:14:VAL:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:15:PHE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:15:PHE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:15:PHE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:15:PHE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:15:PHE:CD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:15:PHE:CE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:15:PHE:CE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:15:PHE:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:15:PHE:CZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:15:PHE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:15:PHE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:15:PHE:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:15:PHE:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:15:PHE:HD1	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HA	2:B:15:PHE:HD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:15:PHE:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:15:PHE:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:15:PHE:HZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:15:PHE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HA	2:B:15:PHE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:2:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:2:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:2:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:2:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:2:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:2:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:2:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:2:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:2:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:2:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:2:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:2:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:2:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:2:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:3:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:3:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:3:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:3:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:3:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:3:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:3:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:3:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:3:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:3:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:3:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:3:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:3:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:3:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:3:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:5:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:5:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:5:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:5:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:5:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:5:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:5:GLU:HA	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HB2	2:B:5:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:5:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:5:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:5:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:5:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:5:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:5:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:5:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:6:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:6:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:6:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:6:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:6:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:6:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:6:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:6:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:6:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:6:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:6:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:6:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:6:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:6:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:8:MET:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:8:MET:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:8:MET:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:8:MET:CE	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:8:MET:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:8:MET:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:8:MET:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:8:MET:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:8:MET:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:8:MET:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:8:MET:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:8:MET:HE3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:8:MET:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:8:MET:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:8:MET:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:8:MET:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:8:MET:SD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:9:GLY:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:9:GLY:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:9:GLY:H	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HB2	2:B:9:GLY:HA2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:9:GLY:HA3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:9:GLY:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:9:GLY:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:12:ILE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:12:ILE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:12:ILE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:12:ILE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:12:ILE:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:12:ILE:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:12:ILE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:12:ILE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:12:ILE:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:12:ILE:HD11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:12:ILE:HD12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:12:ILE:HD13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:12:ILE:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:12:ILE:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:12:ILE:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:12:ILE:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:12:ILE:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:12:ILE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:12:ILE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:13:ASP:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:13:ASP:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:13:ASP:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:13:ASP:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:13:ASP:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:13:ASP:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:13:ASP:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:13:ASP:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:13:ASP:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:13:ASP:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:13:ASP:OD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:13:ASP:OD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:14:VAL:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:14:VAL:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:14:VAL:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:14:VAL:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:14:VAL:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:14:VAL:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:14:VAL:HA	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HB2	2:B:14:VAL:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:14:VAL:HG11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:14:VAL:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:14:VAL:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:14:VAL:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:14:VAL:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:14:VAL:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:14:VAL:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:14:VAL:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:15:PHE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:15:PHE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:15:PHE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:15:PHE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:15:PHE:CD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:15:PHE:CE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:15:PHE:CE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:15:PHE:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:15:PHE:CZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:15:PHE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:15:PHE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:15:PHE:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:15:PHE:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:15:PHE:HD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:15:PHE:HD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:15:PHE:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:15:PHE:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:15:PHE:HZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:15:PHE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB2	2:B:15:PHE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:2:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:2:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:2:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:2:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:2:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:2:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:2:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:2:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:2:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:2:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:2:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:2:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:2:THR:O	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HB3	2:B:2:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:3:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:3:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:3:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:3:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:3:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:3:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:3:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:3:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:3:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:3:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:3:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:3:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:3:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:3:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:3:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:5:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:5:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:5:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:5:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:5:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:5:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:5:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:5:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:5:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:5:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:5:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:5:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:5:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:5:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:5:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:6:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:6:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:6:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:6:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:6:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:6:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:6:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:6:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:6:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:6:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:6:THR:HG23	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HB3	2:B:6:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:6:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:6:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:8:MET:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:8:MET:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:8:MET:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:8:MET:CE	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:8:MET:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:8:MET:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:8:MET:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:8:MET:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:8:MET:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:8:MET:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:8:MET:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:8:MET:HE3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:8:MET:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:8:MET:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:8:MET:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:8:MET:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:8:MET:SD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:9:GLY:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:9:GLY:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:9:GLY:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:9:GLY:HA2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:9:GLY:HA3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:9:GLY:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:9:GLY:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:12:ILE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:12:ILE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:12:ILE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:12:ILE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:12:ILE:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:12:ILE:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:12:ILE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:12:ILE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:12:ILE:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:12:ILE:HD11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:12:ILE:HD12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:12:ILE:HD13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:12:ILE:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:12:ILE:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:12:ILE:HG21	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HB3	2:B:12:ILE:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:12:ILE:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:12:ILE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:12:ILE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:13:ASP:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:13:ASP:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:13:ASP:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:13:ASP:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:13:ASP:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:13:ASP:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:13:ASP:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:13:ASP:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:13:ASP:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:13:ASP:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:13:ASP:OD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:13:ASP:OD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:14:VAL:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:14:VAL:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:14:VAL:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:14:VAL:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:14:VAL:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:14:VAL:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:14:VAL:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:14:VAL:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:14:VAL:HG11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:14:VAL:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:14:VAL:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:14:VAL:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:14:VAL:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:14:VAL:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:14:VAL:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:14:VAL:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:15:PHE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:15:PHE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:15:PHE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:15:PHE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:15:PHE:CD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:15:PHE:CE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:15:PHE:CE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:15:PHE:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:15:PHE:CZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:15:PHE:H	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HB3	2:B:15:PHE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:15:PHE:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:15:PHE:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:15:PHE:HD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:15:PHE:HD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:15:PHE:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:15:PHE:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:15:PHE:HZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:15:PHE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HB3	2:B:15:PHE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:2:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:2:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:2:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:2:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:2:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:2:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:2:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:2:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:2:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:2:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:2:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:2:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:2:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:2:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:3:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:3:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:3:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:3:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:3:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:3:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:3:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:3:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:3:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:3:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:3:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:3:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:3:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:3:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:3:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:5:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:5:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:5:GLU:CB	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HE21	2:B:5:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:5:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:5:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:5:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:5:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:5:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:5:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:5:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:5:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:5:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:5:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:5:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:6:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:6:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:6:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:6:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:6:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:6:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:6:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:6:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:6:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:6:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:6:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:6:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:6:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:6:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:8:MET:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:8:MET:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:8:MET:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:8:MET:CE	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:8:MET:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:8:MET:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:8:MET:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:8:MET:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:8:MET:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:8:MET:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:8:MET:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:8:MET:HE3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:8:MET:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:8:MET:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:8:MET:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:8:MET:O	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HE21	2:B:8:MET:SD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:9:GLY:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:9:GLY:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:9:GLY:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:9:GLY:HA2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:9:GLY:HA3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:9:GLY:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:9:GLY:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:12:ILE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:12:ILE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:12:ILE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:12:ILE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:12:ILE:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:12:ILE:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:12:ILE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:12:ILE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:12:ILE:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:12:ILE:HD11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:12:ILE:HD12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:12:ILE:HD13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:12:ILE:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:12:ILE:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:12:ILE:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:12:ILE:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:12:ILE:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:12:ILE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:12:ILE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:13:ASP:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:13:ASP:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:13:ASP:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:13:ASP:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:13:ASP:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:13:ASP:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:13:ASP:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:13:ASP:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:13:ASP:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:13:ASP:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:13:ASP:OD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:13:ASP:OD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:14:VAL:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:14:VAL:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:14:VAL:CB	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HE21	2:B:14:VAL:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:14:VAL:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:14:VAL:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:14:VAL:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:14:VAL:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:14:VAL:HG11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:14:VAL:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:14:VAL:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:14:VAL:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:14:VAL:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:14:VAL:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:14:VAL:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:14:VAL:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:15:PHE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:15:PHE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:15:PHE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:15:PHE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:15:PHE:CD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:15:PHE:CE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:15:PHE:CE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:15:PHE:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:15:PHE:CZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:15:PHE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:15:PHE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:15:PHE:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:15:PHE:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:15:PHE:HD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:15:PHE:HD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:15:PHE:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:15:PHE:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:15:PHE:HZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:15:PHE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE21	2:B:15:PHE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:2:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:2:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:2:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:2:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:2:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:2:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:2:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:2:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:2:THR:HG21	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HE22	2:B:2:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:2:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:2:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:2:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:2:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:3:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:3:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:3:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:3:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:3:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:3:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:3:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:3:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:3:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:3:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:3:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:3:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:3:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:3:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:3:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:5:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:5:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:5:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:5:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:5:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:5:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:5:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:5:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:5:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:5:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:5:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:5:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:5:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:5:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:5:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:6:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:6:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:6:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:6:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:6:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:6:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:6:THR:HB	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HE22	2:B:6:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:6:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:6:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:6:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:6:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:6:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:6:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:8:MET:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:8:MET:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:8:MET:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:8:MET:CE	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:8:MET:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:8:MET:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:8:MET:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:8:MET:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:8:MET:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:8:MET:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:8:MET:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:8:MET:HE3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:8:MET:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:8:MET:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:8:MET:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:8:MET:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:8:MET:SD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:9:GLY:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:9:GLY:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:9:GLY:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:9:GLY:HA2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:9:GLY:HA3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:9:GLY:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:9:GLY:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:12:ILE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:12:ILE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:12:ILE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:12:ILE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:12:ILE:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:12:ILE:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:12:ILE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:12:ILE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:12:ILE:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:12:ILE:HD11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:12:ILE:HD12	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HE22	2:B:12:ILE:HD13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:12:ILE:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:12:ILE:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:12:ILE:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:12:ILE:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:12:ILE:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:12:ILE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:12:ILE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:13:ASP:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:13:ASP:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:13:ASP:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:13:ASP:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:13:ASP:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:13:ASP:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:13:ASP:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:13:ASP:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:13:ASP:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:13:ASP:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:13:ASP:OD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:13:ASP:OD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:14:VAL:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:14:VAL:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:14:VAL:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:14:VAL:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:14:VAL:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:14:VAL:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:14:VAL:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:14:VAL:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:14:VAL:HG11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:14:VAL:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:14:VAL:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:14:VAL:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:14:VAL:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:14:VAL:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:14:VAL:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:14:VAL:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:15:PHE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:15:PHE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:15:PHE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:15:PHE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:15:PHE:CD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:15:PHE:CE1	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HE22	2:B:15:PHE:CE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:15:PHE:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:15:PHE:CZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:15:PHE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:15:PHE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:15:PHE:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:15:PHE:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:15:PHE:HD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:15:PHE:HD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:15:PHE:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:15:PHE:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:15:PHE:HZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:15:PHE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HE22	2:B:15:PHE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:2:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:2:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:2:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:2:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:2:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:2:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:2:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:2:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:2:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:2:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:2:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:2:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:2:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:2:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:3:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:3:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:3:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:3:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:3:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:3:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:3:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:3:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:3:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:3:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:3:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:3:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:3:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:3:GLU:OE1	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HG2	2:B:3:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:5:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:5:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:5:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:5:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:5:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:5:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:5:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:5:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:5:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:5:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:5:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:5:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:5:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:5:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:5:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:6:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:6:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:6:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:6:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:6:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:6:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:6:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:6:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:6:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:6:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:6:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:6:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:6:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:6:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:8:MET:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:8:MET:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:8:MET:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:8:MET:CE	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:8:MET:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:8:MET:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:8:MET:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:8:MET:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:8:MET:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:8:MET:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:8:MET:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:8:MET:HE3	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HG2	2:B:8:MET:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:8:MET:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:8:MET:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:8:MET:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:8:MET:SD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:9:GLY:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:9:GLY:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:9:GLY:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:9:GLY:HA2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:9:GLY:HA3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:9:GLY:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:9:GLY:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:12:ILE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:12:ILE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:12:ILE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:12:ILE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:12:ILE:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:12:ILE:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:12:ILE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:12:ILE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:12:ILE:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:12:ILE:HD11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:12:ILE:HD12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:12:ILE:HD13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:12:ILE:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:12:ILE:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:12:ILE:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:12:ILE:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:12:ILE:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:12:ILE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:12:ILE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:13:ASP:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:13:ASP:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:13:ASP:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:13:ASP:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:13:ASP:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:13:ASP:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:13:ASP:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:13:ASP:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:13:ASP:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:13:ASP:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:13:ASP:OD1	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HG2	2:B:13:ASP:OD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:14:VAL:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:14:VAL:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:14:VAL:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:14:VAL:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:14:VAL:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:14:VAL:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:14:VAL:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:14:VAL:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:14:VAL:HG11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:14:VAL:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:14:VAL:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:14:VAL:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:14:VAL:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:14:VAL:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:14:VAL:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:14:VAL:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:15:PHE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:15:PHE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:15:PHE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:15:PHE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:15:PHE:CD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:15:PHE:CE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:15:PHE:CE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:15:PHE:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:15:PHE:CZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:15:PHE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:15:PHE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:15:PHE:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:15:PHE:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:15:PHE:HD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:15:PHE:HD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:15:PHE:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:15:PHE:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:15:PHE:HZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:15:PHE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG2	2:B:15:PHE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:2:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:2:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:2:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:2:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:2:THR:H	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HG3	2:B:2:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:2:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:2:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:2:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:2:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:2:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:2:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:2:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:2:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:3:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:3:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:3:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:3:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:3:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:3:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:3:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:3:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:3:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:3:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:3:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:3:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:3:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:3:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:3:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:5:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:5:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:5:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:5:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:5:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:5:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:5:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:5:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:5:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:5:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:5:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:5:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:5:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:5:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:5:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:6:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:6:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:6:THR:CB	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HG3	2:B:6:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:6:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:6:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:6:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:6:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:6:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:6:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:6:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:6:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:6:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:6:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:8:MET:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:8:MET:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:8:MET:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:8:MET:CE	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:8:MET:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:8:MET:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:8:MET:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:8:MET:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:8:MET:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:8:MET:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:8:MET:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:8:MET:HE3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:8:MET:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:8:MET:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:8:MET:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:8:MET:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:8:MET:SD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:9:GLY:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:9:GLY:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:9:GLY:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:9:GLY:HA2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:9:GLY:HA3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:9:GLY:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:9:GLY:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:12:ILE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:12:ILE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:12:ILE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:12:ILE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:12:ILE:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:12:ILE:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:12:ILE:H	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HG3	2:B:12:ILE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:12:ILE:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:12:ILE:HD11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:12:ILE:HD12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:12:ILE:HD13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:12:ILE:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:12:ILE:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:12:ILE:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:12:ILE:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:12:ILE:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:12:ILE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:12:ILE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:13:ASP:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:13:ASP:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:13:ASP:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:13:ASP:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:13:ASP:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:13:ASP:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:13:ASP:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:13:ASP:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:13:ASP:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:13:ASP:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:13:ASP:OD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:13:ASP:OD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:14:VAL:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:14:VAL:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:14:VAL:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:14:VAL:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:14:VAL:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:14:VAL:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:14:VAL:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:14:VAL:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:14:VAL:HG11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:14:VAL:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:14:VAL:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:14:VAL:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:14:VAL:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:14:VAL:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:14:VAL:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:14:VAL:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:15:PHE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:15:PHE:CA	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:HG3	2:B:15:PHE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:15:PHE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:15:PHE:CD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:15:PHE:CE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:15:PHE:CE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:15:PHE:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:15:PHE:CZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:15:PHE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:15:PHE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:15:PHE:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:15:PHE:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:15:PHE:HD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:15:PHE:HD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:15:PHE:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:15:PHE:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:15:PHE:HZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:15:PHE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:HG3	2:B:15:PHE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:2:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:2:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:2:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:2:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:2:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:2:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:2:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:2:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:2:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:2:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:2:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:2:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:2:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:2:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:3:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:3:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:3:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:3:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:3:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:3:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:3:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:3:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:3:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:3:GLU:HG2	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:N	2:B:3:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:3:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:3:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:3:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:3:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:5:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:5:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:5:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:5:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:5:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:5:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:5:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:5:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:5:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:5:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:5:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:5:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:5:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:5:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:5:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:6:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:6:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:6:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:6:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:6:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:6:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:6:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:6:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:6:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:6:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:6:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:6:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:6:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:6:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:8:MET:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:8:MET:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:8:MET:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:8:MET:CE	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:8:MET:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:8:MET:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:8:MET:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:8:MET:HB2	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:N	2:B:8:MET:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:8:MET:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:8:MET:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:8:MET:HE3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:8:MET:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:8:MET:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:8:MET:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:8:MET:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:8:MET:SD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:9:GLY:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:9:GLY:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:9:GLY:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:9:GLY:HA2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:9:GLY:HA3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:9:GLY:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:9:GLY:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:12:ILE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:12:ILE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:12:ILE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:12:ILE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:12:ILE:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:12:ILE:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:12:ILE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:12:ILE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:12:ILE:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:12:ILE:HD11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:12:ILE:HD12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:12:ILE:HD13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:12:ILE:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:12:ILE:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:12:ILE:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:12:ILE:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:12:ILE:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:12:ILE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:12:ILE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:13:ASP:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:13:ASP:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:13:ASP:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:13:ASP:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:13:ASP:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:13:ASP:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:13:ASP:HB2	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:N	2:B:13:ASP:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:13:ASP:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:13:ASP:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:13:ASP:OD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:13:ASP:OD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:14:VAL:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:14:VAL:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:14:VAL:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:14:VAL:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:14:VAL:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:14:VAL:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:14:VAL:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:14:VAL:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:14:VAL:HG11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:14:VAL:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:14:VAL:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:14:VAL:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:14:VAL:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:14:VAL:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:14:VAL:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:14:VAL:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:15:PHE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:15:PHE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:15:PHE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:15:PHE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:15:PHE:CD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:15:PHE:CE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:15:PHE:CE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:15:PHE:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:15:PHE:CZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:15:PHE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:15:PHE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:15:PHE:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:15:PHE:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:15:PHE:HD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:15:PHE:HD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:15:PHE:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:15:PHE:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:15:PHE:HZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:15:PHE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:N	2:B:15:PHE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:2:THR:C	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:NE2	2:B:2:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:2:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:2:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:2:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:2:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:2:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:2:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:2:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:2:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:2:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:2:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:2:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:2:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:3:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:3:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:3:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:3:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:3:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:3:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:3:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:3:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:3:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:3:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:3:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:3:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:3:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:3:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:3:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:5:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:5:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:5:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:5:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:5:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:5:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:5:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:5:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:5:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:5:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:5:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:5:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:5:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:5:GLU:OE1	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:NE2	2:B:5:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:6:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:6:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:6:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:6:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:6:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:6:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:6:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:6:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:6:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:6:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:6:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:6:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:6:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:6:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:8:MET:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:8:MET:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:8:MET:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:8:MET:CE	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:8:MET:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:8:MET:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:8:MET:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:8:MET:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:8:MET:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:8:MET:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:8:MET:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:8:MET:HE3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:8:MET:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:8:MET:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:8:MET:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:8:MET:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:8:MET:SD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:9:GLY:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:9:GLY:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:9:GLY:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:9:GLY:HA2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:9:GLY:HA3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:9:GLY:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:9:GLY:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:12:ILE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:12:ILE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:12:ILE:CB	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:NE2	2:B:12:ILE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:12:ILE:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:12:ILE:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:12:ILE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:12:ILE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:12:ILE:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:12:ILE:HD11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:12:ILE:HD12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:12:ILE:HD13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:12:ILE:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:12:ILE:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:12:ILE:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:12:ILE:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:12:ILE:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:12:ILE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:12:ILE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:13:ASP:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:13:ASP:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:13:ASP:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:13:ASP:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:13:ASP:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:13:ASP:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:13:ASP:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:13:ASP:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:13:ASP:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:13:ASP:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:13:ASP:OD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:13:ASP:OD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:14:VAL:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:14:VAL:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:14:VAL:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:14:VAL:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:14:VAL:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:14:VAL:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:14:VAL:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:14:VAL:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:14:VAL:HG11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:14:VAL:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:14:VAL:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:14:VAL:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:14:VAL:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:14:VAL:HG23	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:NE2	2:B:14:VAL:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:14:VAL:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:15:PHE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:15:PHE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:15:PHE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:15:PHE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:15:PHE:CD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:15:PHE:CE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:15:PHE:CE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:15:PHE:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:15:PHE:CZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:15:PHE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:15:PHE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:15:PHE:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:15:PHE:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:15:PHE:HD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:15:PHE:HD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:15:PHE:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:15:PHE:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:15:PHE:HZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:15:PHE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:NE2	2:B:15:PHE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:2:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:2:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:2:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:2:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:2:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:2:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:2:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:2:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:2:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:2:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:2:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:2:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:2:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:2:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:3:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:3:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:3:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:3:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:3:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:3:GLU:H	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:O	2:B:3:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:3:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:3:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:3:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:3:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:3:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:3:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:3:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:3:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:5:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:5:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:5:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:5:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:5:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:5:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:5:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:5:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:5:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:5:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:5:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:5:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:5:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:5:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:5:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:6:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:6:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:6:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:6:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:6:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:6:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:6:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:6:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:6:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:6:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:6:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:6:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:6:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:6:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:8:MET:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:8:MET:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:8:MET:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:8:MET:CE	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:O	2:B:8:MET:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:8:MET:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:8:MET:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:8:MET:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:8:MET:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:8:MET:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:8:MET:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:8:MET:HE3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:8:MET:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:8:MET:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:8:MET:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:8:MET:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:8:MET:SD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:9:GLY:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:9:GLY:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:9:GLY:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:9:GLY:HA2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:9:GLY:HA3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:9:GLY:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:9:GLY:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:12:ILE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:12:ILE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:12:ILE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:12:ILE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:12:ILE:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:12:ILE:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:12:ILE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:12:ILE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:12:ILE:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:12:ILE:HD11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:12:ILE:HD12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:12:ILE:HD13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:12:ILE:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:12:ILE:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:12:ILE:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:12:ILE:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:12:ILE:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:12:ILE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:12:ILE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:13:ASP:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:13:ASP:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:13:ASP:CB	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:O	2:B:13:ASP:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:13:ASP:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:13:ASP:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:13:ASP:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:13:ASP:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:13:ASP:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:13:ASP:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:13:ASP:OD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:13:ASP:OD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:14:VAL:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:14:VAL:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:14:VAL:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:14:VAL:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:14:VAL:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:14:VAL:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:14:VAL:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:14:VAL:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:14:VAL:HG11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:14:VAL:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:14:VAL:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:14:VAL:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:14:VAL:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:14:VAL:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:14:VAL:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:14:VAL:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:15:PHE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:15:PHE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:15:PHE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:15:PHE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:15:PHE:CD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:15:PHE:CE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:15:PHE:CE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:15:PHE:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:15:PHE:CZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:15:PHE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:15:PHE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:15:PHE:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:15:PHE:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:15:PHE:HD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:15:PHE:HD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:15:PHE:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:15:PHE:HE2	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:O	2:B:15:PHE:HZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:15:PHE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:O	2:B:15:PHE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:2:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:2:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:2:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:2:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:2:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:2:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:2:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:2:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:2:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:2:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:2:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:2:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:2:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:2:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:3:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:3:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:3:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:3:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:3:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:3:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:3:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:3:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:3:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:3:GLU:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:3:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:3:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:3:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:3:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:3:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:5:GLU:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:5:GLU:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:5:GLU:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:5:GLU:CD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:5:GLU:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:5:GLU:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:5:GLU:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:5:GLU:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:5:GLU:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:5:GLU:HG2	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:OE1	2:B:5:GLU:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:5:GLU:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:5:GLU:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:5:GLU:OE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:5:GLU:OE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:6:THR:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:6:THR:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:6:THR:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:6:THR:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:6:THR:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:6:THR:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:6:THR:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:6:THR:HG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:6:THR:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:6:THR:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:6:THR:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:6:THR:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:6:THR:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:6:THR:OG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:8:MET:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:8:MET:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:8:MET:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:8:MET:CE	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:8:MET:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:8:MET:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:8:MET:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:8:MET:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:8:MET:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:8:MET:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:8:MET:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:8:MET:HE3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:8:MET:HG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:8:MET:HG3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:8:MET:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:8:MET:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:8:MET:SD	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:9:GLY:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:9:GLY:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:9:GLY:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:9:GLY:HA2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:9:GLY:HA3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:9:GLY:N	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:OE1	2:B:9:GLY:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:12:ILE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:12:ILE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:12:ILE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:12:ILE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:12:ILE:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:12:ILE:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:12:ILE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:12:ILE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:12:ILE:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:12:ILE:HD11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:12:ILE:HD12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:12:ILE:HD13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:12:ILE:HG12	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:12:ILE:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:12:ILE:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:12:ILE:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:12:ILE:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:12:ILE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:12:ILE:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:13:ASP:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:13:ASP:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:13:ASP:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:13:ASP:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:13:ASP:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:13:ASP:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:13:ASP:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:13:ASP:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:13:ASP:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:13:ASP:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:13:ASP:OD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:13:ASP:OD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:14:VAL:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:14:VAL:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:14:VAL:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:14:VAL:CG1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:14:VAL:CG2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:14:VAL:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:14:VAL:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:14:VAL:HB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:14:VAL:HG11	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:14:VAL:HG12	10	2.68	0.05	2.67

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,29)	1:C:100:GLN:OE1	2:B:14:VAL:HG13	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:14:VAL:HG21	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:14:VAL:HG22	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:14:VAL:HG23	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:14:VAL:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:14:VAL:O	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:15:PHE:C	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:15:PHE:CA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:15:PHE:CB	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:15:PHE:CD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:15:PHE:CD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:15:PHE:CE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:15:PHE:CE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:15:PHE:CG	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:15:PHE:CZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:15:PHE:H	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:15:PHE:HA	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:15:PHE:HB2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:15:PHE:HB3	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:15:PHE:HD1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:15:PHE:HD2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:15:PHE:HE1	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:15:PHE:HE2	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:15:PHE:HZ	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:15:PHE:N	10	2.68	0.05	2.67
(1,29)	1:C:100:GLN:OE1	2:B:15:PHE:O	10	2.68	0.05	2.67
(1,24)	1:C:48:ARG:C	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:3:GLU:CA	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:C	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:6:THR:OG1	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:C	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:12:ILE:N	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:C	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:15:PHE:HB3	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:C	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:C	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:5:GLU:H	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:CA	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:9:GLY:CA	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:CA	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:14:VAL:H	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:CA	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CA	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:2:THR:N	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:CB	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:6:THR:HG22	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:CB	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:12:ILE:HG13	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:CB	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:15:PHE:CZ	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:CB	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CB	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:5:GLU:CA	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:CD	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:8:MET:N	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:CD	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:14:VAL:CA	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:CD	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CD	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:2:THR:HG1	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:CG	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:6:THR:HA	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:CG	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:12:ILE:HD11	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:CG	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:15:PHE:CD2	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:CG	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CG	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:3:GLU:O	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:CZ	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:8:MET:HE2	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:CZ	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:13:ASP:O	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:CZ	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:CZ	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:2:THR:CG2	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:H	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:6:THR:CA	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:H	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:12:ILE:CG2	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:H	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:15:PHE:C	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:H	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:H	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:3:GLU:HB3	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HA	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:8:MET:HA	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HA	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:13:ASP:HA	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HA	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HA	2:B:15:PHE:O	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HB2	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:5:GLU:O	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HB2	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:12:ILE:CA	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HB2	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:14:VAL:HG22	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HB2	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB2	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:3:GLU:CG	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HB3	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:8:MET:CB	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HB3	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:13:ASP:CA	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HB3	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:15:PHE:HE1	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HB3	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HB3	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:5:GLU:HB3	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HD2	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:9:GLY:HA3	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HD2	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:14:VAL:HG11	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HD2	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD2	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:3:GLU:C	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HD3	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:6:THR:O	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HD3	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:12:ILE:HG23	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HD3	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:15:PHE:HB2	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HD3	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HD3	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:5:GLU:CG	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HE	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:9:GLY:C	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HE	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:14:VAL:CG2	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HE	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HE	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:2:THR:HG23	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HG2	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:6:THR:HG21	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HG2	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:12:ILE:HG12	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HG2	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:15:PHE:CG	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HG2	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG2	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:5:GLU:C	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HG3	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:8:MET:HG3	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HG3	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:14:VAL:C	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HG3	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HG3	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:2:THR:HB	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HH11	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:6:THR:H	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HH11	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:12:ILE:HB	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HH11	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:15:PHE:CD1	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HH11	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH11	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:3:GLU:N	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HH12	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:8:MET:HE1	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HH12	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:13:ASP:N	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HH12	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH12	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:2:THR:CB	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HH21	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:6:THR:C	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HH21	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:12:ILE:CG1	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HH21	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:14:VAL:O	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HH21	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH21	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:3:GLU:HB2	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HH22	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:8:MET:H	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HH22	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:13:ASP:H	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HH22	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:HH22	2:B:15:PHE:N	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:HH22	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:5:GLU:N	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:N	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:12:ILE:C	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:N	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:14:VAL:HG21	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:N	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:N	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:3:GLU:CD	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:NE	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:8:MET:CA	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:NE	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:13:ASP:C	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:NE	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:15:PHE:HD2	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:NE	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NE	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:5:GLU:HB2	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:NH1	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:9:GLY:HA2	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:NH1	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:14:VAL:HB	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:NH1	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH1	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:2:THR:OG1	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:NH2	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:5:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:6:THR:N	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:NH2	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:8:MET:SD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:12:ILE:HG22	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:NH2	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:14:VAL:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:15:PHE:HA	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:NH2	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:NH2	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:2:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:2:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:2:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:2:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:2:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:2:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:2:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:2:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:2:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:2:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:2:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:2:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:2:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:2:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:3:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:3:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:3:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:3:GLU:CD	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:3:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:3:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:3:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:3:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:3:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:3:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:3:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:3:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:3:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:3:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:3:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:5:GLU:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:5:GLU:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:5:GLU:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:5:GLU:CD	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:O	2:B:5:GLU:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:5:GLU:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:5:GLU:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:5:GLU:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:5:GLU:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:5:GLU:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:5:GLU:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:5:GLU:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:5:GLU:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:5:GLU:OE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:5:GLU:OE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:6:THR:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:6:THR:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:6:THR:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:6:THR:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:6:THR:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:6:THR:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:6:THR:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:6:THR:HG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:6:THR:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:6:THR:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:6:THR:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:6:THR:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:6:THR:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:6:THR:OG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:8:MET:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:8:MET:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:8:MET:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:8:MET:CE	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:8:MET:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:8:MET:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:8:MET:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:8:MET:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:8:MET:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:8:MET:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:8:MET:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:8:MET:HE3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:8:MET:HG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:8:MET:HG3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:8:MET:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:8:MET:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:8:MET:SD	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:O	2:B:9:GLY:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:9:GLY:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:9:GLY:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:9:GLY:HA2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:9:GLY:HA3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:9:GLY:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:9:GLY:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:12:ILE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:12:ILE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:12:ILE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:12:ILE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:12:ILE:CG1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:12:ILE:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:12:ILE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:12:ILE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:12:ILE:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:12:ILE:HD11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:12:ILE:HD12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:12:ILE:HD13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:12:ILE:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:12:ILE:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:12:ILE:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:12:ILE:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:12:ILE:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:12:ILE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:12:ILE:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:13:ASP:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:13:ASP:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:13:ASP:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:13:ASP:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:13:ASP:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:13:ASP:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:13:ASP:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:13:ASP:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:13:ASP:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:13:ASP:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:13:ASP:OD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:13:ASP:OD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:14:VAL:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:14:VAL:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:14:VAL:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:14:VAL:CG1	10	2.43	0.08	2.44

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,24)	1:C:48:ARG:O	2:B:14:VAL:CG2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:14:VAL:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:14:VAL:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:14:VAL:HB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:14:VAL:HG11	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:14:VAL:HG12	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:14:VAL:HG13	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:14:VAL:HG21	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:14:VAL:HG22	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:14:VAL:HG23	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:14:VAL:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:14:VAL:O	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:15:PHE:C	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:15:PHE:CA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:15:PHE:CB	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:15:PHE:CD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:15:PHE:CD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:15:PHE:CE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:15:PHE:CE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:15:PHE:CG	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:15:PHE:CZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:15:PHE:H	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:15:PHE:HA	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:15:PHE:HB2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:15:PHE:HB3	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:15:PHE:HD1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:15:PHE:HD2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:15:PHE:HE1	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:15:PHE:HE2	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:15:PHE:HZ	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:15:PHE:N	10	2.43	0.08	2.44
(1,24)	1:C:48:ARG:O	2:B:15:PHE:O	10	2.43	0.08	2.44
(1,8)	1:A:105:ASN:C	2:B:43:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:43:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:43:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:43:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:43:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:43:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:43:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:44:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:44:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:44:PHE:CB	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:C	2:B:44:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:44:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:44:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:44:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:44:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:44:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:44:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:44:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:44:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:44:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:44:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:44:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:44:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:44:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:44:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:44:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:44:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:46:GLN:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:46:GLN:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:46:GLN:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:46:GLN:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:46:GLN:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:46:GLN:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:46:GLN:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:46:GLN:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:46:GLN:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:46:GLN:HE21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:46:GLN:HE22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:46:GLN:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:46:GLN:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:46:GLN:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:46:GLN:NE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:46:GLN:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:46:GLN:OE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:48:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:48:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:48:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:48:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:48:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:48:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:48:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:49:LYS:C	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:C	2:B:49:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:49:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:49:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:49:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:49:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:49:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:49:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:49:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:49:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:49:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:49:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:49:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:49:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:49:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:49:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:49:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:49:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:49:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:49:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:49:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:49:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:89:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:89:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:89:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:89:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:89:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:89:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:89:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:89:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:89:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:89:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:89:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:89:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:89:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:89:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:89:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:89:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:89:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:89:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:89:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:89:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:91:LYS:C	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:C	2:B:91:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:91:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:91:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:91:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:91:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:91:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:91:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:91:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:91:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:91:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:91:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:91:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:91:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:91:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:91:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:91:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:91:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:91:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:91:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:91:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:91:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:92:ALA:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:92:ALA:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:92:ALA:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:92:ALA:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:92:ALA:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:92:ALA:HB1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:92:ALA:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:92:ALA:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:92:ALA:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:92:ALA:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:93:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:93:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:93:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:93:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:93:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:93:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:93:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:94:LEU:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:94:LEU:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:94:LEU:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:94:LEU:CD1	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:C	2:B:94:LEU:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:94:LEU:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:94:LEU:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:94:LEU:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:94:LEU:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:94:LEU:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:94:LEU:HD11	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:94:LEU:HD12	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:94:LEU:HD13	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:94:LEU:HD21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:94:LEU:HD22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:94:LEU:HD23	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:94:LEU:HG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:94:LEU:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:C	2:B:94:LEU:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:43:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:43:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:43:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:43:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:43:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:43:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:43:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:44:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:44:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:44:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:44:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:44:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:44:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:44:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:44:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:44:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:44:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:44:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:44:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:44:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:44:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:44:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:44:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:44:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:44:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:44:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:44:PHE:O	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:CA	2:B:46:GLN:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:46:GLN:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:46:GLN:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:46:GLN:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:46:GLN:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:46:GLN:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:46:GLN:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:46:GLN:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:46:GLN:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:46:GLN:HE21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:46:GLN:HE22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:46:GLN:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:46:GLN:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:46:GLN:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:46:GLN:NE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:46:GLN:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:46:GLN:OE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:48:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:48:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:48:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:48:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:48:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:48:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:48:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:49:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:49:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:49:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:49:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:49:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:49:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:49:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:49:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:49:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:49:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:49:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:49:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:49:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:49:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:49:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:49:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:49:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:49:LYS:HZ2	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:CA	2:B:49:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:49:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:49:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:49:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:89:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:89:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:89:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:89:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:89:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:89:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:89:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:89:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:89:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:89:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:89:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:89:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:89:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:89:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:89:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:89:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:89:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:89:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:89:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:89:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:91:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:91:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:91:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:91:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:91:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:91:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:91:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:91:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:91:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:91:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:91:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:91:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:91:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:91:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:91:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:91:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:91:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:91:LYS:HZ2	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:CA	2:B:91:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:91:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:91:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:91:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:92:ALA:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:92:ALA:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:92:ALA:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:92:ALA:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:92:ALA:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:92:ALA:HB1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:92:ALA:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:92:ALA:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:92:ALA:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:92:ALA:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:93:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:93:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:93:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:93:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:93:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:93:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:93:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:94:LEU:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:94:LEU:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:94:LEU:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:94:LEU:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:94:LEU:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:94:LEU:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:94:LEU:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:94:LEU:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:94:LEU:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:94:LEU:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:94:LEU:HD11	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:94:LEU:HD12	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:94:LEU:HD13	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:94:LEU:HD21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:94:LEU:HD22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:94:LEU:HD23	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:94:LEU:HG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:94:LEU:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CA	2:B:94:LEU:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:43:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:43:GLY:CA	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:CB	2:B:43:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:43:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:43:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:43:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:43:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:44:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:44:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:44:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:44:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:44:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:44:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:44:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:44:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:44:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:44:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:44:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:44:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:44:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:44:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:44:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:44:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:44:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:44:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:44:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:44:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:46:GLN:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:46:GLN:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:46:GLN:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:46:GLN:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:46:GLN:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:46:GLN:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:46:GLN:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:46:GLN:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:46:GLN:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:46:GLN:HE21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:46:GLN:HE22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:46:GLN:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:46:GLN:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:46:GLN:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:46:GLN:NE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:46:GLN:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:46:GLN:OE1	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:CB	2:B:48:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:48:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:48:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:48:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:48:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:48:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:48:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:49:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:49:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:49:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:49:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:49:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:49:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:49:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:49:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:49:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:49:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:49:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:49:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:49:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:49:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:49:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:49:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:49:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:49:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:49:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:49:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:49:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:49:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:89:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:89:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:89:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:89:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:89:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:89:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:89:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:89:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:89:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:89:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:89:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:89:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:89:PHE:HB3	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:CB	2:B:89:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:89:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:89:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:89:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:89:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:89:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:89:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:91:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:91:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:91:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:91:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:91:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:91:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:91:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:91:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:91:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:91:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:91:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:91:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:91:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:91:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:91:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:91:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:91:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:91:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:91:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:91:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:91:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:91:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:92:ALA:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:92:ALA:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:92:ALA:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:92:ALA:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:92:ALA:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:92:ALA:HB1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:92:ALA:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:92:ALA:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:92:ALA:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:92:ALA:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:93:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:93:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:93:GLY:H	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:CB	2:B:93:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:93:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:93:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:93:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:94:LEU:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:94:LEU:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:94:LEU:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:94:LEU:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:94:LEU:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:94:LEU:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:94:LEU:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:94:LEU:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:94:LEU:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:94:LEU:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:94:LEU:HD11	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:94:LEU:HD12	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:94:LEU:HD13	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:94:LEU:HD21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:94:LEU:HD22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:94:LEU:HD23	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:94:LEU:HG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:94:LEU:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CB	2:B:94:LEU:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:43:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:43:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:43:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:43:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:43:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:43:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:43:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:44:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:44:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:44:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:44:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:44:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:44:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:44:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:44:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:44:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:44:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:44:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:44:PHE:HB2	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:CG	2:B:44:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:44:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:44:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:44:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:44:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:44:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:44:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:44:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:46:GLN:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:46:GLN:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:46:GLN:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:46:GLN:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:46:GLN:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:46:GLN:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:46:GLN:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:46:GLN:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:46:GLN:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:46:GLN:HE21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:46:GLN:HE22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:46:GLN:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:46:GLN:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:46:GLN:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:46:GLN:NE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:46:GLN:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:46:GLN:OE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:48:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:48:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:48:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:48:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:48:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:48:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:48:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:49:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:49:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:49:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:49:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:49:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:49:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:49:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:49:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:49:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:49:LYS:HB3	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:CG	2:B:49:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:49:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:49:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:49:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:49:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:49:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:49:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:49:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:49:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:49:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:49:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:49:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:89:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:89:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:89:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:89:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:89:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:89:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:89:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:89:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:89:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:89:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:89:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:89:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:89:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:89:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:89:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:89:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:89:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:89:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:89:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:89:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:91:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:91:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:91:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:91:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:91:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:91:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:91:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:91:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:91:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:91:LYS:HB3	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:CG	2:B:91:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:91:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:91:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:91:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:91:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:91:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:91:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:91:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:91:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:91:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:91:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:91:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:92:ALA:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:92:ALA:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:92:ALA:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:92:ALA:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:92:ALA:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:92:ALA:HB1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:92:ALA:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:92:ALA:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:92:ALA:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:92:ALA:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:93:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:93:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:93:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:93:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:93:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:93:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:93:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:94:LEU:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:94:LEU:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:94:LEU:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:94:LEU:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:94:LEU:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:94:LEU:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:94:LEU:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:94:LEU:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:94:LEU:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:94:LEU:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:94:LEU:HD11	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:94:LEU:HD12	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:94:LEU:HD13	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:CG	2:B:94:LEU:HD21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:94:LEU:HD22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:94:LEU:HD23	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:94:LEU:HG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:94:LEU:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:CG	2:B:94:LEU:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:43:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:43:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:43:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:43:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:43:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:43:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:43:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:44:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:44:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:44:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:44:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:44:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:44:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:44:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:44:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:44:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:44:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:44:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:44:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:44:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:44:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:44:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:44:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:44:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:44:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:44:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:44:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:46:GLN:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:46:GLN:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:46:GLN:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:46:GLN:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:46:GLN:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:46:GLN:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:46:GLN:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:46:GLN:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:46:GLN:HB3	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:H	2:B:46:GLN:HE21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:46:GLN:HE22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:46:GLN:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:46:GLN:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:46:GLN:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:46:GLN:NE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:46:GLN:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:46:GLN:OE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:48:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:48:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:48:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:48:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:48:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:48:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:48:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:49:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:49:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:49:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:49:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:49:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:49:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:49:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:49:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:49:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:49:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:49:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:49:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:49:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:49:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:49:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:49:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:49:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:49:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:49:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:49:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:49:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:49:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:89:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:89:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:89:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:89:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:89:PHE:CD2	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:H	2:B:89:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:89:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:89:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:89:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:89:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:89:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:89:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:89:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:89:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:89:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:89:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:89:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:89:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:89:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:89:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:91:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:91:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:91:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:91:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:91:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:91:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:91:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:91:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:91:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:91:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:91:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:91:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:91:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:91:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:91:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:91:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:91:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:91:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:91:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:91:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:91:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:91:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:92:ALA:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:92:ALA:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:92:ALA:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:92:ALA:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:92:ALA:HA	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:H	2:B:92:ALA:HB1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:92:ALA:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:92:ALA:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:92:ALA:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:92:ALA:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:93:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:93:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:93:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:93:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:93:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:93:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:93:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:94:LEU:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:94:LEU:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:94:LEU:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:94:LEU:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:94:LEU:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:94:LEU:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:94:LEU:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:94:LEU:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:94:LEU:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:94:LEU:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:94:LEU:HD11	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:94:LEU:HD12	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:94:LEU:HD13	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:94:LEU:HD21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:94:LEU:HD22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:94:LEU:HD23	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:94:LEU:HG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:94:LEU:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:H	2:B:94:LEU:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:43:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:43:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:43:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:43:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:43:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:43:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:43:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:44:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:44:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:44:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:44:PHE:CD1	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:HA	2:B:44:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:44:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:44:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:44:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:44:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:44:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:44:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:44:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:44:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:44:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:44:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:44:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:44:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:44:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:44:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:44:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:46:GLN:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:46:GLN:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:46:GLN:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:46:GLN:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:46:GLN:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:46:GLN:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:46:GLN:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:46:GLN:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:46:GLN:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:46:GLN:HE21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:46:GLN:HE22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:46:GLN:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:46:GLN:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:46:GLN:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:46:GLN:NE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:46:GLN:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:46:GLN:OE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:48:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:48:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:48:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:48:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:48:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:48:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:48:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:49:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:49:LYS:CA	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:HA	2:B:49:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:49:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:49:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:49:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:49:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:49:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:49:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:49:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:49:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:49:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:49:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:49:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:49:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:49:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:49:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:49:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:49:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:49:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:49:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:49:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:89:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:89:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:89:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:89:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:89:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:89:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:89:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:89:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:89:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:89:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:89:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:89:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:89:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:89:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:89:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:89:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:89:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:89:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:89:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:89:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:91:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:91:LYS:CA	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:HA	2:B:91:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:91:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:91:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:91:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:91:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:91:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:91:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:91:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:91:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:91:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:91:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:91:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:91:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:91:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:91:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:91:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:91:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:91:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:91:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:91:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:92:ALA:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:92:ALA:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:92:ALA:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:92:ALA:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:92:ALA:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:92:ALA:HB1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:92:ALA:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:92:ALA:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:92:ALA:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:92:ALA:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:93:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:93:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:93:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:93:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:93:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:93:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:93:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:94:LEU:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:94:LEU:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:94:LEU:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:94:LEU:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:94:LEU:CD2	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:HA	2:B:94:LEU:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:94:LEU:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:94:LEU:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:94:LEU:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:94:LEU:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:94:LEU:HD11	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:94:LEU:HD12	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:94:LEU:HD13	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:94:LEU:HD21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:94:LEU:HD22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:94:LEU:HD23	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:94:LEU:HG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:94:LEU:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HA	2:B:94:LEU:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:43:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:43:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:43:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:43:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:43:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:43:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:43:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:44:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:44:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:44:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:44:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:44:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:44:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:44:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:44:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:44:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:44:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:44:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:44:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:44:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:44:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:44:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:44:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:44:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:44:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:44:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:44:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:46:GLN:C	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:HB2	2:B:46:GLN:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:46:GLN:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:46:GLN:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:46:GLN:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:46:GLN:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:46:GLN:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:46:GLN:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:46:GLN:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:46:GLN:HE21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:46:GLN:HE22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:46:GLN:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:46:GLN:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:46:GLN:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:46:GLN:NE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:46:GLN:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:46:GLN:OE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:48:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:48:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:48:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:48:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:48:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:48:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:48:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:49:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:49:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:49:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:49:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:49:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:49:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:49:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:49:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:49:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:49:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:49:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:49:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:49:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:49:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:49:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:49:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:49:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:49:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:49:LYS:HZ3	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:HB2	2:B:49:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:49:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:49:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:89:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:89:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:89:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:89:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:89:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:89:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:89:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:89:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:89:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:89:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:89:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:89:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:89:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:89:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:89:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:89:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:89:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:89:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:89:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:89:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:91:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:91:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:91:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:91:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:91:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:91:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:91:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:91:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:91:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:91:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:91:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:91:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:91:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:91:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:91:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:91:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:91:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:91:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:91:LYS:HZ3	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:HB2	2:B:91:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:91:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:91:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:92:ALA:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:92:ALA:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:92:ALA:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:92:ALA:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:92:ALA:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:92:ALA:HB1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:92:ALA:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:92:ALA:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:92:ALA:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:92:ALA:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:93:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:93:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:93:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:93:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:93:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:93:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:93:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:94:LEU:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:94:LEU:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:94:LEU:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:94:LEU:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:94:LEU:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:94:LEU:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:94:LEU:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:94:LEU:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:94:LEU:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:94:LEU:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:94:LEU:HD11	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:94:LEU:HD12	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:94:LEU:HD13	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:94:LEU:HD21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:94:LEU:HD22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:94:LEU:HD23	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:94:LEU:HG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:94:LEU:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB2	2:B:94:LEU:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:43:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:43:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:43:GLY:H	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:HB3	2:B:43:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:43:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:43:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:43:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:44:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:44:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:44:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:44:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:44:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:44:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:44:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:44:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:44:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:44:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:44:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:44:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:44:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:44:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:44:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:44:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:44:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:44:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:44:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:44:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:46:GLN:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:46:GLN:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:46:GLN:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:46:GLN:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:46:GLN:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:46:GLN:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:46:GLN:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:46:GLN:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:46:GLN:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:46:GLN:HE21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:46:GLN:HE22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:46:GLN:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:46:GLN:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:46:GLN:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:46:GLN:NE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:46:GLN:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:46:GLN:OE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:48:GLY:C	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:HB3	2:B:48:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:48:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:48:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:48:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:48:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:48:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:49:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:49:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:49:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:49:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:49:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:49:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:49:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:49:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:49:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:49:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:49:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:49:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:49:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:49:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:49:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:49:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:49:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:49:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:49:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:49:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:49:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:49:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:89:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:89:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:89:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:89:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:89:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:89:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:89:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:89:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:89:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:89:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:89:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:89:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:89:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:89:PHE:HD1	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:HB3	2:B:89:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:89:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:89:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:89:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:89:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:89:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:91:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:91:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:91:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:91:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:91:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:91:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:91:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:91:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:91:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:91:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:91:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:91:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:91:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:91:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:91:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:91:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:91:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:91:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:91:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:91:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:91:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:91:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:92:ALA:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:92:ALA:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:92:ALA:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:92:ALA:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:92:ALA:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:92:ALA:HB1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:92:ALA:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:92:ALA:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:92:ALA:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:92:ALA:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:93:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:93:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:93:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:93:GLY:HA2	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:HB3	2:B:93:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:93:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:93:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:94:LEU:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:94:LEU:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:94:LEU:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:94:LEU:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:94:LEU:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:94:LEU:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:94:LEU:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:94:LEU:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:94:LEU:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:94:LEU:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:94:LEU:HD11	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:94:LEU:HD12	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:94:LEU:HD13	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:94:LEU:HD21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:94:LEU:HD22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:94:LEU:HD23	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:94:LEU:HG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:94:LEU:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HB3	2:B:94:LEU:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:43:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:43:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:43:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:43:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:43:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:43:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:43:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:44:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:44:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:44:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:44:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:44:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:44:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:44:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:44:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:44:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:44:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:44:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:44:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:44:PHE:HB3	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:HD21	2:B:44:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:44:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:44:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:44:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:44:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:44:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:44:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:46:GLN:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:46:GLN:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:46:GLN:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:46:GLN:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:46:GLN:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:46:GLN:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:46:GLN:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:46:GLN:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:46:GLN:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:46:GLN:HE21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:46:GLN:HE22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:46:GLN:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:46:GLN:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:46:GLN:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:46:GLN:NE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:46:GLN:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:46:GLN:OE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:48:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:48:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:48:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:48:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:48:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:48:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:48:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:49:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:49:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:49:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:49:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:49:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:49:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:49:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:49:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:49:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:49:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:49:LYS:HD2	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:HD21	2:B:49:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:49:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:49:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:49:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:49:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:49:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:49:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:49:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:49:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:49:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:49:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:89:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:89:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:89:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:89:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:89:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:89:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:89:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:89:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:89:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:89:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:89:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:89:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:89:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:89:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:89:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:89:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:89:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:89:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:89:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:89:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:91:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:91:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:91:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:91:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:91:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:91:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:91:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:91:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:91:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:91:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:91:LYS:HD2	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:HD21	2:B:91:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:91:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:91:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:91:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:91:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:91:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:91:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:91:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:91:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:91:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:91:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:92:ALA:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:92:ALA:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:92:ALA:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:92:ALA:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:92:ALA:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:92:ALA:HB1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:92:ALA:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:92:ALA:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:92:ALA:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:92:ALA:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:93:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:93:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:93:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:93:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:93:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:93:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:93:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:94:LEU:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:94:LEU:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:94:LEU:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:94:LEU:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:94:LEU:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:94:LEU:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:94:LEU:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:94:LEU:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:94:LEU:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:94:LEU:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:94:LEU:HD11	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:94:LEU:HD12	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:94:LEU:HD13	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:94:LEU:HD21	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:HD21	2:B:94:LEU:HD22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:94:LEU:HD23	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:94:LEU:HG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:94:LEU:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD21	2:B:94:LEU:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:43:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:43:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:43:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:43:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:43:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:43:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:43:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:44:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:44:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:44:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:44:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:44:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:44:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:44:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:44:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:44:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:44:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:44:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:44:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:44:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:44:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:44:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:44:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:44:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:44:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:44:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:44:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:46:GLN:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:46:GLN:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:46:GLN:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:46:GLN:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:46:GLN:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:46:GLN:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:46:GLN:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:46:GLN:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:46:GLN:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:46:GLN:HE21	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:HD22	2:B:46:GLN:HE22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:46:GLN:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:46:GLN:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:46:GLN:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:46:GLN:NE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:46:GLN:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:46:GLN:OE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:48:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:48:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:48:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:48:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:48:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:48:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:48:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:49:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:49:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:49:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:49:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:49:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:49:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:49:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:49:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:49:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:49:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:49:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:49:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:49:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:49:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:49:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:49:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:49:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:49:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:49:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:49:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:49:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:49:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:89:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:89:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:89:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:89:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:89:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:89:PHE:CE1	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:HD22	2:B:89:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:89:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:89:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:89:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:89:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:89:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:89:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:89:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:89:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:89:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:89:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:89:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:89:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:89:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:91:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:91:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:91:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:91:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:91:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:91:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:91:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:91:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:91:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:91:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:91:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:91:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:91:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:91:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:91:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:91:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:91:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:91:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:91:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:91:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:91:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:91:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:92:ALA:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:92:ALA:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:92:ALA:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:92:ALA:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:92:ALA:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:92:ALA:HB1	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:HD22	2:B:92:ALA:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:92:ALA:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:92:ALA:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:92:ALA:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:93:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:93:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:93:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:93:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:93:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:93:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:93:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:94:LEU:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:94:LEU:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:94:LEU:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:94:LEU:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:94:LEU:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:94:LEU:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:94:LEU:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:94:LEU:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:94:LEU:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:94:LEU:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:94:LEU:HD11	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:94:LEU:HD12	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:94:LEU:HD13	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:94:LEU:HD21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:94:LEU:HD22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:94:LEU:HD23	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:94:LEU:HG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:94:LEU:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:HD22	2:B:94:LEU:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:43:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:43:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:43:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:43:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:43:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:43:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:43:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:44:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:44:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:44:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:44:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:44:PHE:CD2	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:N	2:B:44:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:44:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:44:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:44:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:44:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:44:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:44:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:44:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:44:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:44:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:44:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:44:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:44:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:44:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:44:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:46:GLN:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:46:GLN:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:46:GLN:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:46:GLN:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:46:GLN:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:46:GLN:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:46:GLN:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:46:GLN:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:46:GLN:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:46:GLN:HE21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:46:GLN:HE22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:46:GLN:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:46:GLN:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:46:GLN:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:46:GLN:NE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:46:GLN:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:46:GLN:OE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:48:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:48:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:48:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:48:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:48:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:48:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:48:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:49:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:49:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:49:LYS:CB	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:N	2:B:49:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:49:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:49:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:49:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:49:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:49:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:49:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:49:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:49:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:49:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:49:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:49:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:49:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:49:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:49:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:49:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:49:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:49:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:49:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:89:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:89:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:89:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:89:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:89:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:89:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:89:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:89:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:89:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:89:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:89:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:89:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:89:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:89:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:89:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:89:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:89:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:89:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:89:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:89:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:91:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:91:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:91:LYS:CB	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:N	2:B:91:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:91:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:91:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:91:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:91:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:91:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:91:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:91:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:91:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:91:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:91:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:91:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:91:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:91:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:91:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:91:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:91:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:91:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:91:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:92:ALA:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:92:ALA:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:92:ALA:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:92:ALA:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:92:ALA:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:92:ALA:HB1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:92:ALA:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:92:ALA:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:92:ALA:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:92:ALA:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:93:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:93:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:93:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:93:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:93:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:93:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:93:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:94:LEU:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:94:LEU:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:94:LEU:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:94:LEU:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:94:LEU:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:94:LEU:CG	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:N	2:B:94:LEU:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:94:LEU:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:94:LEU:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:94:LEU:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:94:LEU:HD11	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:94:LEU:HD12	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:94:LEU:HD13	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:94:LEU:HD21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:94:LEU:HD22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:94:LEU:HD23	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:94:LEU:HG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:94:LEU:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:N	2:B:94:LEU:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:43:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:43:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:43:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:43:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:43:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:43:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:43:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:44:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:44:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:44:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:44:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:44:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:44:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:44:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:44:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:44:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:44:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:44:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:44:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:44:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:44:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:44:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:44:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:44:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:44:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:44:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:44:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:46:GLN:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:46:GLN:CA	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:ND2	2:B:46:GLN:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:46:GLN:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:46:GLN:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:46:GLN:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:46:GLN:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:46:GLN:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:46:GLN:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:46:GLN:HE21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:46:GLN:HE22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:46:GLN:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:46:GLN:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:46:GLN:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:46:GLN:NE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:46:GLN:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:46:GLN:OE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:48:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:48:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:48:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:48:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:48:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:48:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:48:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:49:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:49:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:49:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:49:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:49:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:49:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:49:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:49:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:49:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:49:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:49:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:49:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:49:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:49:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:49:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:49:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:49:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:49:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:49:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:49:LYS:N	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:ND2	2:B:49:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:49:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:89:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:89:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:89:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:89:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:89:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:89:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:89:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:89:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:89:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:89:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:89:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:89:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:89:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:89:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:89:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:89:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:89:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:89:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:89:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:89:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:91:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:91:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:91:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:91:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:91:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:91:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:91:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:91:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:91:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:91:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:91:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:91:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:91:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:91:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:91:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:91:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:91:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:91:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:91:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:91:LYS:N	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:ND2	2:B:91:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:91:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:92:ALA:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:92:ALA:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:92:ALA:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:92:ALA:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:92:ALA:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:92:ALA:HB1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:92:ALA:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:92:ALA:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:92:ALA:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:92:ALA:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:93:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:93:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:93:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:93:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:93:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:93:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:93:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:94:LEU:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:94:LEU:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:94:LEU:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:94:LEU:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:94:LEU:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:94:LEU:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:94:LEU:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:94:LEU:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:94:LEU:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:94:LEU:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:94:LEU:HD11	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:94:LEU:HD12	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:94:LEU:HD13	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:94:LEU:HD21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:94:LEU:HD22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:94:LEU:HD23	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:94:LEU:HG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:94:LEU:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:ND2	2:B:94:LEU:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:43:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:43:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:43:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:43:GLY:HA2	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:O	2:B:43:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:43:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:43:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:44:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:44:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:44:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:44:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:44:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:44:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:44:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:44:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:44:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:44:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:44:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:44:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:44:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:44:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:44:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:44:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:44:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:44:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:44:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:44:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:46:GLN:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:46:GLN:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:46:GLN:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:46:GLN:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:46:GLN:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:46:GLN:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:46:GLN:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:46:GLN:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:46:GLN:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:46:GLN:HE21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:46:GLN:HE22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:46:GLN:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:46:GLN:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:46:GLN:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:46:GLN:NE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:46:GLN:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:46:GLN:OE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:48:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:48:GLY:CA	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:O	2:B:48:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:48:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:48:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:48:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:48:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:49:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:49:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:49:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:49:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:49:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:49:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:49:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:49:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:49:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:49:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:49:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:49:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:49:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:49:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:49:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:49:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:49:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:49:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:49:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:49:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:49:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:49:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:89:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:89:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:89:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:89:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:89:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:89:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:89:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:89:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:89:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:89:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:89:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:89:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:89:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:89:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:89:PHE:HD2	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:O	2:B:89:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:89:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:89:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:89:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:89:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:91:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:91:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:91:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:91:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:91:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:91:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:91:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:91:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:91:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:91:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:91:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:91:LYS:HD3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:91:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:91:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:91:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:91:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:91:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:91:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:91:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:91:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:91:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:91:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:92:ALA:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:92:ALA:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:92:ALA:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:92:ALA:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:92:ALA:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:92:ALA:HB1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:92:ALA:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:92:ALA:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:92:ALA:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:92:ALA:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:93:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:93:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:93:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:93:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:93:GLY:HA3	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:O	2:B:93:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:93:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:94:LEU:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:94:LEU:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:94:LEU:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:94:LEU:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:94:LEU:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:94:LEU:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:94:LEU:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:94:LEU:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:94:LEU:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:94:LEU:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:94:LEU:HD11	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:94:LEU:HD12	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:94:LEU:HD13	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:94:LEU:HD21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:94:LEU:HD22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:94:LEU:HD23	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:94:LEU:HG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:94:LEU:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:O	2:B:94:LEU:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:43:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:43:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:43:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:43:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:43:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:43:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:43:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:44:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:44:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:44:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:44:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:44:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:44:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:44:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:44:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:44:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:44:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:44:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:44:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:44:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:44:PHE:HD1	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:OD1	2:B:44:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:44:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:44:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:44:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:44:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:44:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:46:GLN:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:46:GLN:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:46:GLN:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:46:GLN:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:46:GLN:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:46:GLN:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:46:GLN:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:46:GLN:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:46:GLN:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:46:GLN:HE21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:46:GLN:HE22	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:46:GLN:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:46:GLN:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:46:GLN:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:46:GLN:NE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:46:GLN:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:46:GLN:OE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:48:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:48:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:48:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:48:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:48:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:48:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:48:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:49:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:49:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:49:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:49:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:49:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:49:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:49:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:49:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:49:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:49:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:49:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:49:LYS:HD3	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:OD1	2:B:49:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:49:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:49:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:49:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:49:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:49:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:49:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:49:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:49:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:49:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:89:PHE:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:89:PHE:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:89:PHE:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:89:PHE:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:89:PHE:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:89:PHE:CE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:89:PHE:CE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:89:PHE:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:89:PHE:CZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:89:PHE:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:89:PHE:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:89:PHE:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:89:PHE:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:89:PHE:HD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:89:PHE:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:89:PHE:HE1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:89:PHE:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:89:PHE:HZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:89:PHE:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:89:PHE:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:91:LYS:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:91:LYS:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:91:LYS:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:91:LYS:CD	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:91:LYS:CE	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:91:LYS:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:91:LYS:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:91:LYS:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:91:LYS:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:91:LYS:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:91:LYS:HD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:91:LYS:HD3	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:OD1	2:B:91:LYS:HE2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:91:LYS:HE3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:91:LYS:HG2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:91:LYS:HG3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:91:LYS:HZ1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:91:LYS:HZ2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:91:LYS:HZ3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:91:LYS:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:91:LYS:NZ	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:91:LYS:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:92:ALA:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:92:ALA:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:92:ALA:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:92:ALA:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:92:ALA:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:92:ALA:HB1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:92:ALA:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:92:ALA:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:92:ALA:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:92:ALA:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:93:GLY:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:93:GLY:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:93:GLY:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:93:GLY:HA2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:93:GLY:HA3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:93:GLY:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:93:GLY:O	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:94:LEU:C	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:94:LEU:CA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:94:LEU:CB	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:94:LEU:CD1	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:94:LEU:CD2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:94:LEU:CG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:94:LEU:H	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:94:LEU:HA	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:94:LEU:HB2	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:94:LEU:HB3	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:94:LEU:HD11	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:94:LEU:HD12	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:94:LEU:HD13	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:94:LEU:HD21	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:94:LEU:HD22	10	2.2	0.11	2.2

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,8)	1:A:105:ASN:OD1	2:B:94:LEU:HD23	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:94:LEU:HG	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:94:LEU:N	10	2.2	0.11	2.2
(1,8)	1:A:105:ASN:OD1	2:B:94:LEU:O	10	2.2	0.11	2.2
(1,23)	2:B:13:ASP:C	1:C:48:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:48:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:52:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:52:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:52:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:52:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:52:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:52:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:52:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:52:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:52:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:52:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:52:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:52:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:52:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:52:LYS:HE3	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:C	1:C:52:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:52:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:52:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:52:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:52:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:52:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:52:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:52:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:53:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:53:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:53:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:53:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:53:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:53:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:53:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:53:LEU:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:53:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:53:LEU:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:53:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:53:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:53:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:53:LEU:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:53:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:53:LEU:HD23	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:53:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:53:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:53:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:54:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:54:ASN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:54:ASN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:54:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:54:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:54:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:54:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:54:ASN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:54:ASN:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:54:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:54:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:54:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:54:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:54:ASN:OD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:C	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:C	1:C:61:TRP:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:CE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:CE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:CH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:CZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:CZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:HH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:NE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:61:TRP:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:62:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:62:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:62:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:62:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:62:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:62:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:62:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:62:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:62:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:62:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:62:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:62:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:62:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:62:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:62:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:62:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:62:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:62:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:62:LYS:HZ3	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:C	1:C:62:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:62:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:62:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:68:GLY:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:68:GLY:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:68:GLY:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:68:GLY:HA2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:68:GLY:HA3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:68:GLY:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:68:GLY:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:86:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:86:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:86:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:86:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:86:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:86:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:86:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:86:LEU:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:86:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:86:LEU:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:86:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:86:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:86:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:86:LEU:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:86:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:86:LEU:HD23	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:86:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:86:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:86:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:97:PHE:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:97:PHE:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:97:PHE:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:97:PHE:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:97:PHE:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:97:PHE:CE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:97:PHE:CE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:97:PHE:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:97:PHE:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:97:PHE:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:97:PHE:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:97:PHE:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:97:PHE:HB3	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:C	1:C:97:PHE:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:97:PHE:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:97:PHE:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:97:PHE:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:97:PHE:HZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:97:PHE:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:97:PHE:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:99:CYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:99:CYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:99:CYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:99:CYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:99:CYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:99:CYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:99:CYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:99:CYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:99:CYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:99:CYS:SG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:100:GLN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:100:GLN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:100:GLN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:100:GLN:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:100:GLN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:100:GLN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:100:GLN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:100:GLN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:100:GLN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:100:GLN:HE21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:100:GLN:HE22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:100:GLN:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:100:GLN:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:100:GLN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:100:GLN:NE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:100:GLN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:100:GLN:OE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:HA	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:C	1:C:104:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:104:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:105:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:105:ASN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:105:ASN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:105:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:105:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:105:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:105:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:105:ASN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:105:ASN:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:105:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:105:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:105:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:105:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:105:ASN:OD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:110:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:110:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:110:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:110:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:110:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:110:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:110:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:110:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:110:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:110:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:110:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:110:LYS:HD3	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:C	1:C:110:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:110:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:110:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:110:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:110:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:110:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:110:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:110:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:110:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:C	1:C:110:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:48:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:52:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:52:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:52:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:52:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:52:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:52:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:52:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:52:LYS:HA	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:CA	1:C:52:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:52:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:52:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:52:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:52:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:52:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:52:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:52:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:52:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:52:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:52:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:52:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:52:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:52:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:53:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:53:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:53:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:53:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:53:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:53:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:53:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:53:LEU:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:53:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:53:LEU:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:53:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:53:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:53:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:53:LEU:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:53:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:53:LEU:HD23	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:53:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:53:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:53:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:54:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:54:ASN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:54:ASN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:54:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:54:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:54:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:54:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:54:ASN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:54:ASN:HD21	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:CA	1:C:54:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:54:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:54:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:54:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:54:ASN:OD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:CE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:CE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:CH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:CZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:CZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:HH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:NE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:61:TRP:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:62:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:62:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:62:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:62:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:62:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:62:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:62:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:62:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:62:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:62:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:62:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:62:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:62:LYS:HE2	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:CA	1:C:62:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:62:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:62:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:62:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:62:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:62:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:62:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:62:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:62:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:68:GLY:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:68:GLY:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:68:GLY:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:68:GLY:HA2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:68:GLY:HA3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:68:GLY:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:68:GLY:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:86:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:86:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:86:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:86:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:86:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:86:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:86:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:86:LEU:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:86:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:86:LEU:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:86:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:86:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:86:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:86:LEU:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:86:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:86:LEU:HD23	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:86:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:86:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:86:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:97:PHE:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:97:PHE:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:97:PHE:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:97:PHE:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:97:PHE:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:97:PHE:CE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:97:PHE:CE2	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:CA	1:C:97:PHE:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:97:PHE:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:97:PHE:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:97:PHE:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:97:PHE:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:97:PHE:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:97:PHE:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:97:PHE:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:97:PHE:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:97:PHE:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:97:PHE:HZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:97:PHE:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:97:PHE:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:99:CYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:99:CYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:99:CYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:99:CYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:99:CYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:99:CYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:99:CYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:99:CYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:99:CYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:99:CYS:SG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:100:GLN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:100:GLN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:100:GLN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:100:GLN:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:100:GLN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:100:GLN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:100:GLN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:100:GLN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:100:GLN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:100:GLN:HE21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:100:GLN:HE22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:100:GLN:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:100:GLN:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:100:GLN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:100:GLN:NE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:100:GLN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:100:GLN:OE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:CA	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:104:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:105:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:105:ASN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:105:ASN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:105:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:105:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:105:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:105:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:105:ASN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:105:ASN:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:105:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:105:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:105:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:105:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:105:ASN:OD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:110:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:110:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:110:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:110:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:110:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:110:LYS:CG	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:CA	1:C:110:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:110:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:110:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:110:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:110:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:110:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:110:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:110:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:110:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:110:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:110:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:110:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:110:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:110:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:110:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CA	1:C:110:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:48:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:52:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:52:LYS:CA	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:CB	1:C:52:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:52:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:52:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:52:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:52:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:52:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:52:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:52:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:52:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:52:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:52:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:52:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:52:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:52:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:52:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:52:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:52:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:52:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:52:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:52:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:53:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:53:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:53:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:53:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:53:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:53:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:53:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:53:LEU:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:53:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:53:LEU:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:53:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:53:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:53:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:53:LEU:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:53:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:53:LEU:HD23	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:53:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:53:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:53:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:54:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:54:ASN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:54:ASN:CB	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:CB	1:C:54:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:54:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:54:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:54:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:54:ASN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:54:ASN:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:54:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:54:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:54:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:54:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:54:ASN:OD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:CE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:CE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:CH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:CZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:CZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:HH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:NE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:61:TRP:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:62:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:62:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:62:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:62:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:62:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:62:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:62:LYS:H	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:CB	1:C:62:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:62:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:62:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:62:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:62:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:62:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:62:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:62:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:62:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:62:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:62:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:62:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:62:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:62:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:62:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:68:GLY:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:68:GLY:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:68:GLY:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:68:GLY:HA2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:68:GLY:HA3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:68:GLY:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:68:GLY:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:86:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:86:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:86:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:86:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:86:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:86:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:86:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:86:LEU:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:86:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:86:LEU:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:86:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:86:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:86:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:86:LEU:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:86:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:86:LEU:HD23	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:86:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:86:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:86:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:97:PHE:C	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:CB	1:C:97:PHE:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:97:PHE:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:97:PHE:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:97:PHE:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:97:PHE:CE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:97:PHE:CE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:97:PHE:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:97:PHE:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:97:PHE:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:97:PHE:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:97:PHE:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:97:PHE:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:97:PHE:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:97:PHE:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:97:PHE:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:97:PHE:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:97:PHE:HZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:97:PHE:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:97:PHE:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:99:CYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:99:CYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:99:CYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:99:CYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:99:CYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:99:CYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:99:CYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:99:CYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:99:CYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:99:CYS:SG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:100:GLN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:100:GLN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:100:GLN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:100:GLN:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:100:GLN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:100:GLN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:100:GLN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:100:GLN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:100:GLN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:100:GLN:HE21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:100:GLN:HE22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:100:GLN:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:100:GLN:HG3	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:CB	1:C:100:GLN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:100:GLN:NE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:100:GLN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:100:GLN:OE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:104:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:105:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:105:ASN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:105:ASN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:105:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:105:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:105:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:105:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:105:ASN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:105:ASN:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:105:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:105:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:105:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:105:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:105:ASN:OD1	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:CB	1:C:110:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:110:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:110:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:110:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:110:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:110:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:110:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:110:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:110:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:110:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:110:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:110:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:110:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:110:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:110:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:110:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:110:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:110:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:110:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:110:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:110:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CB	1:C:110:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:N	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:48:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:52:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:52:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:52:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:52:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:52:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:52:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:52:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:52:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:52:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:52:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:52:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:52:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:52:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:52:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:52:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:52:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:52:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:52:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:52:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:52:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:52:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:52:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:53:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:53:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:53:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:53:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:53:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:53:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:53:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:53:LEU:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:53:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:53:LEU:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:53:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:53:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:53:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:53:LEU:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:53:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:53:LEU:HD23	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:CG	1:C:53:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:53:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:53:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:54:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:54:ASN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:54:ASN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:54:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:54:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:54:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:54:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:54:ASN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:54:ASN:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:54:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:54:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:54:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:54:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:54:ASN:OD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:CE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:CE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:CH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:CZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:CZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:HH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:NE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:61:TRP:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:62:LYS:C	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:CG	1:C:62:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:62:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:62:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:62:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:62:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:62:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:62:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:62:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:62:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:62:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:62:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:62:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:62:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:62:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:62:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:62:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:62:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:62:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:62:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:62:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:62:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:68:GLY:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:68:GLY:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:68:GLY:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:68:GLY:HA2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:68:GLY:HA3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:68:GLY:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:68:GLY:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:86:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:86:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:86:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:86:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:86:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:86:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:86:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:86:LEU:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:86:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:86:LEU:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:86:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:86:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:86:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:86:LEU:HD21	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:CG	1:C:86:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:86:LEU:HD23	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:86:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:86:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:86:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:97:PHE:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:97:PHE:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:97:PHE:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:97:PHE:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:97:PHE:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:97:PHE:CE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:97:PHE:CE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:97:PHE:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:97:PHE:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:97:PHE:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:97:PHE:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:97:PHE:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:97:PHE:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:97:PHE:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:97:PHE:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:97:PHE:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:97:PHE:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:97:PHE:HZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:97:PHE:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:97:PHE:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:99:CYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:99:CYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:99:CYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:99:CYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:99:CYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:99:CYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:99:CYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:99:CYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:99:CYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:99:CYS:SG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:100:GLN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:100:GLN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:100:GLN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:100:GLN:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:100:GLN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:100:GLN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:100:GLN:HA	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:CG	1:C:100:GLN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:100:GLN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:100:GLN:HE21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:100:GLN:HE22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:100:GLN:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:100:GLN:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:100:GLN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:100:GLN:NE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:100:GLN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:100:GLN:OE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:104:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:105:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:105:ASN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:105:ASN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:105:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:105:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:105:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:105:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:105:ASN:HB3	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:CG	1:C:105:ASN:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:105:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:105:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:105:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:105:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:105:ASN:OD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:110:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:110:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:110:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:110:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:110:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:110:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:110:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:110:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:110:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:110:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:110:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:110:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:110:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:110:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:110:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:110:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:110:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:110:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:110:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:110:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:110:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:CG	1:C:110:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:HG2	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:H	1:C:48:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:48:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:52:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:52:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:52:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:52:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:52:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:52:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:52:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:52:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:52:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:52:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:52:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:52:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:52:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:52:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:52:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:52:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:52:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:52:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:52:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:52:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:52:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:52:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:53:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:53:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:53:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:53:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:53:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:53:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:53:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:53:LEU:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:53:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:53:LEU:HB3	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:H	1:C:53:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:53:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:53:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:53:LEU:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:53:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:53:LEU:HD23	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:53:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:53:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:53:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:54:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:54:ASN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:54:ASN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:54:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:54:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:54:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:54:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:54:ASN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:54:ASN:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:54:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:54:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:54:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:54:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:54:ASN:OD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:CE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:CE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:CH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:CZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:CZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:HH2	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:H	1:C:61:TRP:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:NE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:61:TRP:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:62:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:62:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:62:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:62:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:62:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:62:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:62:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:62:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:62:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:62:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:62:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:62:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:62:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:62:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:62:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:62:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:62:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:62:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:62:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:62:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:62:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:62:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:68:GLY:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:68:GLY:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:68:GLY:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:68:GLY:HA2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:68:GLY:HA3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:68:GLY:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:68:GLY:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:86:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:86:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:86:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:86:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:86:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:86:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:86:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:86:LEU:HA	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:H	1:C:86:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:86:LEU:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:86:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:86:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:86:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:86:LEU:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:86:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:86:LEU:HD23	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:86:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:86:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:86:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:97:PHE:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:97:PHE:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:97:PHE:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:97:PHE:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:97:PHE:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:97:PHE:CE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:97:PHE:CE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:97:PHE:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:97:PHE:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:97:PHE:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:97:PHE:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:97:PHE:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:97:PHE:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:97:PHE:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:97:PHE:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:97:PHE:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:97:PHE:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:97:PHE:HZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:97:PHE:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:97:PHE:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:99:CYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:99:CYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:99:CYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:99:CYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:99:CYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:99:CYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:99:CYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:99:CYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:99:CYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:99:CYS:SG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:100:GLN:C	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:H	1:C:100:GLN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:100:GLN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:100:GLN:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:100:GLN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:100:GLN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:100:GLN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:100:GLN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:100:GLN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:100:GLN:HE21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:100:GLN:HE22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:100:GLN:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:100:GLN:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:100:GLN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:100:GLN:NE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:100:GLN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:100:GLN:OE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:104:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:105:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:105:ASN:CA	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:H	1:C:105:ASN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:105:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:105:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:105:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:105:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:105:ASN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:105:ASN:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:105:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:105:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:105:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:105:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:105:ASN:OD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:110:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:110:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:110:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:110:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:110:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:110:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:110:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:110:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:110:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:110:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:110:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:110:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:110:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:110:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:110:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:110:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:110:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:110:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:110:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:110:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:110:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:H	1:C:110:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:HA	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:48:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:52:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:52:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:52:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:52:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:52:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:52:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:52:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:52:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:52:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:52:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:52:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:52:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:52:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:52:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:52:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:52:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:52:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:52:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:52:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:52:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:52:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:52:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:53:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:53:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:53:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:53:LEU:CD1	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:HA	1:C:53:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:53:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:53:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:53:LEU:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:53:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:53:LEU:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:53:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:53:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:53:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:53:LEU:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:53:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:53:LEU:HD23	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:53:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:53:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:53:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:54:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:54:ASN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:54:ASN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:54:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:54:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:54:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:54:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:54:ASN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:54:ASN:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:54:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:54:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:54:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:54:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:54:ASN:OD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:CE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:CE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:CH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:CZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:CZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:HA	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:HH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:NE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:61:TRP:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:62:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:62:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:62:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:62:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:62:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:62:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:62:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:62:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:62:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:62:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:62:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:62:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:62:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:62:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:62:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:62:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:62:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:62:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:62:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:62:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:62:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:62:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:68:GLY:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:68:GLY:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:68:GLY:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:68:GLY:HA2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:68:GLY:HA3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:68:GLY:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:68:GLY:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:86:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:86:LEU:CA	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:HA	1:C:86:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:86:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:86:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:86:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:86:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:86:LEU:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:86:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:86:LEU:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:86:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:86:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:86:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:86:LEU:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:86:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:86:LEU:HD23	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:86:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:86:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:86:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:97:PHE:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:97:PHE:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:97:PHE:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:97:PHE:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:97:PHE:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:97:PHE:CE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:97:PHE:CE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:97:PHE:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:97:PHE:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:97:PHE:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:97:PHE:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:97:PHE:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:97:PHE:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:97:PHE:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:97:PHE:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:97:PHE:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:97:PHE:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:97:PHE:HZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:97:PHE:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:97:PHE:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:99:CYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:99:CYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:99:CYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:99:CYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:99:CYS:HA	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:HA	1:C:99:CYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:99:CYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:99:CYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:99:CYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:99:CYS:SG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:100:GLN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:100:GLN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:100:GLN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:100:GLN:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:100:GLN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:100:GLN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:100:GLN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:100:GLN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:100:GLN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:100:GLN:HE21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:100:GLN:HE22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:100:GLN:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:100:GLN:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:100:GLN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:100:GLN:NE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:100:GLN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:100:GLN:OE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:N	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:104:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:105:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:105:ASN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:105:ASN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:105:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:105:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:105:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:105:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:105:ASN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:105:ASN:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:105:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:105:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:105:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:105:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:105:ASN:OD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:110:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:110:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:110:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:110:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:110:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:110:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:110:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:110:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:110:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:110:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:110:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:110:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:110:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:110:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:110:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:110:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:110:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:110:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:110:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:110:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:110:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HA	1:C:110:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:CA	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:48:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:52:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:52:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:52:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:52:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:52:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:52:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:52:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:52:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:52:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:52:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:52:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:52:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:52:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:52:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:52:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:52:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:52:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:52:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:52:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:52:LYS:N	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:HB2	1:C:52:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:52:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:53:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:53:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:53:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:53:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:53:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:53:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:53:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:53:LEU:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:53:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:53:LEU:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:53:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:53:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:53:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:53:LEU:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:53:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:53:LEU:HD23	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:53:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:53:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:53:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:54:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:54:ASN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:54:ASN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:54:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:54:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:54:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:54:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:54:ASN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:54:ASN:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:54:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:54:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:54:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:54:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:54:ASN:OD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:CE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:CE3	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:CH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:CZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:CZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:HH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:NE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:61:TRP:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:62:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:62:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:62:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:62:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:62:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:62:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:62:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:62:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:62:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:62:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:62:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:62:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:62:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:62:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:62:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:62:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:62:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:62:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:62:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:62:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:62:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:62:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:68:GLY:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:68:GLY:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:68:GLY:H	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:HB2	1:C:68:GLY:HA2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:68:GLY:HA3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:68:GLY:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:68:GLY:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:86:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:86:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:86:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:86:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:86:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:86:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:86:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:86:LEU:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:86:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:86:LEU:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:86:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:86:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:86:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:86:LEU:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:86:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:86:LEU:HD23	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:86:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:86:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:86:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:97:PHE:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:97:PHE:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:97:PHE:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:97:PHE:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:97:PHE:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:97:PHE:CE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:97:PHE:CE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:97:PHE:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:97:PHE:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:97:PHE:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:97:PHE:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:97:PHE:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:97:PHE:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:97:PHE:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:97:PHE:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:97:PHE:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:97:PHE:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:97:PHE:HZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:97:PHE:N	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:HB2	1:C:97:PHE:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:99:CYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:99:CYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:99:CYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:99:CYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:99:CYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:99:CYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:99:CYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:99:CYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:99:CYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:99:CYS:SG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:100:GLN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:100:GLN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:100:GLN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:100:GLN:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:100:GLN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:100:GLN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:100:GLN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:100:GLN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:100:GLN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:100:GLN:HE21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:100:GLN:HE22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:100:GLN:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:100:GLN:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:100:GLN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:100:GLN:NE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:100:GLN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:100:GLN:OE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:HG2	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:104:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:105:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:105:ASN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:105:ASN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:105:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:105:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:105:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:105:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:105:ASN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:105:ASN:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:105:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:105:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:105:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:105:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:105:ASN:OD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:110:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:110:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:110:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:110:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:110:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:110:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:110:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:110:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:110:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:110:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:110:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:110:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:110:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:110:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:110:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:110:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:110:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:110:LYS:HZ2	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:HB2	1:C:110:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:110:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:110:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB2	1:C:110:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:48:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:52:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:52:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:52:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:52:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:52:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:52:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:52:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:52:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:52:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:52:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:52:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:52:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:52:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:52:LYS:HE3	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:HB3	1:C:52:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:52:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:52:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:52:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:52:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:52:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:52:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:52:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:53:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:53:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:53:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:53:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:53:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:53:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:53:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:53:LEU:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:53:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:53:LEU:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:53:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:53:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:53:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:53:LEU:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:53:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:53:LEU:HD23	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:53:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:53:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:53:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:54:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:54:ASN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:54:ASN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:54:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:54:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:54:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:54:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:54:ASN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:54:ASN:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:54:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:54:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:54:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:54:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:54:ASN:OD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:C	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:CE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:CE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:CH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:CZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:CZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:HH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:NE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:61:TRP:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:62:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:62:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:62:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:62:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:62:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:62:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:62:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:62:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:62:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:62:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:62:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:62:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:62:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:62:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:62:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:62:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:62:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:62:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:62:LYS:HZ3	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:HB3	1:C:62:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:62:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:62:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:68:GLY:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:68:GLY:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:68:GLY:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:68:GLY:HA2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:68:GLY:HA3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:68:GLY:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:68:GLY:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:86:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:86:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:86:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:86:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:86:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:86:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:86:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:86:LEU:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:86:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:86:LEU:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:86:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:86:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:86:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:86:LEU:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:86:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:86:LEU:HD23	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:86:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:86:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:86:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:97:PHE:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:97:PHE:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:97:PHE:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:97:PHE:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:97:PHE:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:97:PHE:CE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:97:PHE:CE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:97:PHE:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:97:PHE:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:97:PHE:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:97:PHE:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:97:PHE:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:97:PHE:HB3	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:HB3	1:C:97:PHE:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:97:PHE:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:97:PHE:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:97:PHE:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:97:PHE:HZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:97:PHE:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:97:PHE:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:99:CYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:99:CYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:99:CYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:99:CYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:99:CYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:99:CYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:99:CYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:99:CYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:99:CYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:99:CYS:SG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:100:GLN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:100:GLN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:100:GLN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:100:GLN:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:100:GLN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:100:GLN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:100:GLN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:100:GLN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:100:GLN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:100:GLN:HE21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:100:GLN:HE22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:100:GLN:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:100:GLN:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:100:GLN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:100:GLN:NE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:100:GLN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:100:GLN:OE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:HA	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:104:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:105:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:105:ASN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:105:ASN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:105:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:105:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:105:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:105:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:105:ASN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:105:ASN:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:105:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:105:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:105:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:105:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:105:ASN:OD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:110:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:110:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:110:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:110:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:110:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:110:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:110:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:110:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:110:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:110:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:110:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:110:LYS:HD3	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:HB3	1:C:110:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:110:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:110:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:110:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:110:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:110:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:110:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:110:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:110:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:HB3	1:C:110:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:48:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:52:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:52:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:52:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:52:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:52:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:52:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:52:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:52:LYS:HA	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:N	1:C:52:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:52:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:52:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:52:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:52:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:52:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:52:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:52:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:52:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:52:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:52:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:52:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:52:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:52:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:53:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:53:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:53:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:53:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:53:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:53:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:53:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:53:LEU:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:53:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:53:LEU:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:53:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:53:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:53:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:53:LEU:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:53:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:53:LEU:HD23	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:53:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:53:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:53:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:54:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:54:ASN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:54:ASN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:54:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:54:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:54:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:54:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:54:ASN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:54:ASN:HD21	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:N	1:C:54:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:54:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:54:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:54:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:54:ASN:OD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:CE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:CE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:CH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:CZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:CZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:HH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:NE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:61:TRP:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:62:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:62:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:62:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:62:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:62:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:62:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:62:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:62:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:62:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:62:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:62:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:62:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:62:LYS:HE2	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:N	1:C:62:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:62:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:62:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:62:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:62:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:62:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:62:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:62:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:62:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:68:GLY:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:68:GLY:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:68:GLY:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:68:GLY:HA2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:68:GLY:HA3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:68:GLY:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:68:GLY:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:86:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:86:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:86:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:86:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:86:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:86:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:86:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:86:LEU:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:86:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:86:LEU:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:86:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:86:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:86:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:86:LEU:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:86:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:86:LEU:HD23	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:86:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:86:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:86:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:97:PHE:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:97:PHE:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:97:PHE:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:97:PHE:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:97:PHE:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:97:PHE:CE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:97:PHE:CE2	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:N	1:C:97:PHE:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:97:PHE:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:97:PHE:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:97:PHE:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:97:PHE:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:97:PHE:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:97:PHE:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:97:PHE:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:97:PHE:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:97:PHE:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:97:PHE:HZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:97:PHE:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:97:PHE:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:99:CYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:99:CYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:99:CYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:99:CYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:99:CYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:99:CYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:99:CYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:99:CYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:99:CYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:99:CYS:SG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:100:GLN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:100:GLN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:100:GLN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:100:GLN:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:100:GLN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:100:GLN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:100:GLN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:100:GLN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:100:GLN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:100:GLN:HE21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:100:GLN:HE22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:100:GLN:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:100:GLN:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:100:GLN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:100:GLN:NE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:100:GLN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:100:GLN:OE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:CA	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:N	1:C:104:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:104:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:105:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:105:ASN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:105:ASN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:105:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:105:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:105:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:105:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:105:ASN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:105:ASN:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:105:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:105:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:105:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:105:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:105:ASN:OD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:110:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:110:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:110:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:110:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:110:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:110:LYS:CG	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:N	1:C:110:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:110:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:110:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:110:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:110:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:110:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:110:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:110:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:110:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:110:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:110:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:110:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:110:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:110:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:110:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:N	1:C:110:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:48:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:52:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:52:LYS:CA	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:O	1:C:52:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:52:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:52:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:52:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:52:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:52:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:52:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:52:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:52:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:52:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:52:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:52:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:52:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:52:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:52:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:52:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:52:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:52:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:52:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:52:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:53:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:53:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:53:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:53:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:53:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:53:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:53:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:53:LEU:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:53:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:53:LEU:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:53:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:53:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:53:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:53:LEU:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:53:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:53:LEU:HD23	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:53:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:53:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:53:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:54:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:54:ASN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:54:ASN:CB	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:O	1:C:54:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:54:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:54:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:54:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:54:ASN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:54:ASN:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:54:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:54:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:54:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:54:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:54:ASN:OD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:CE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:CE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:CH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:CZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:CZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:HH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:NE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:61:TRP:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:62:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:62:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:62:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:62:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:62:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:62:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:62:LYS:H	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:O	1:C:62:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:62:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:62:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:62:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:62:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:62:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:62:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:62:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:62:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:62:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:62:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:62:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:62:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:62:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:62:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:68:GLY:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:68:GLY:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:68:GLY:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:68:GLY:HA2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:68:GLY:HA3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:68:GLY:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:68:GLY:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:86:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:86:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:86:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:86:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:86:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:86:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:86:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:86:LEU:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:86:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:86:LEU:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:86:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:86:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:86:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:86:LEU:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:86:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:86:LEU:HD23	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:86:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:86:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:86:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:97:PHE:C	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:O	1:C:97:PHE:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:97:PHE:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:97:PHE:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:97:PHE:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:97:PHE:CE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:97:PHE:CE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:97:PHE:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:97:PHE:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:97:PHE:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:97:PHE:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:97:PHE:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:97:PHE:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:97:PHE:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:97:PHE:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:97:PHE:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:97:PHE:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:97:PHE:HZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:97:PHE:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:97:PHE:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:99:CYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:99:CYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:99:CYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:99:CYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:99:CYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:99:CYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:99:CYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:99:CYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:99:CYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:99:CYS:SG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:100:GLN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:100:GLN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:100:GLN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:100:GLN:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:100:GLN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:100:GLN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:100:GLN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:100:GLN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:100:GLN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:100:GLN:HE21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:100:GLN:HE22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:100:GLN:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:100:GLN:HG3	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:O	1:C:100:GLN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:100:GLN:NE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:100:GLN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:100:GLN:OE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:104:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:105:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:105:ASN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:105:ASN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:105:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:105:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:105:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:105:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:105:ASN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:105:ASN:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:105:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:105:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:105:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:105:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:105:ASN:OD1	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:O	1:C:110:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:110:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:110:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:110:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:110:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:110:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:110:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:110:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:110:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:110:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:110:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:110:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:110:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:110:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:110:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:110:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:110:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:110:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:110:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:110:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:110:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:O	1:C:110:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:N	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:48:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:52:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:52:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:52:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:52:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:52:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:52:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:52:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:52:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:52:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:52:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:52:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:52:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:52:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:52:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:52:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:52:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:52:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:52:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:52:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:52:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:52:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:52:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:53:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:53:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:53:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:53:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:53:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:53:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:53:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:53:LEU:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:53:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:53:LEU:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:53:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:53:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:53:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:53:LEU:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:53:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:53:LEU:HD23	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:OD1	1:C:53:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:53:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:53:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:54:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:54:ASN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:54:ASN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:54:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:54:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:54:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:54:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:54:ASN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:54:ASN:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:54:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:54:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:54:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:54:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:54:ASN:OD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:CE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:CE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:CH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:CZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:CZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:HH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:NE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:61:TRP:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:62:LYS:C	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:OD1	1:C:62:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:62:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:62:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:62:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:62:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:62:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:62:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:62:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:62:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:62:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:62:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:62:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:62:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:62:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:62:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:62:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:62:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:62:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:62:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:62:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:62:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:68:GLY:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:68:GLY:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:68:GLY:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:68:GLY:HA2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:68:GLY:HA3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:68:GLY:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:68:GLY:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:86:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:86:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:86:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:86:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:86:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:86:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:86:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:86:LEU:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:86:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:86:LEU:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:86:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:86:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:86:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:86:LEU:HD21	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:OD1	1:C:86:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:86:LEU:HD23	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:86:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:86:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:86:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:97:PHE:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:97:PHE:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:97:PHE:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:97:PHE:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:97:PHE:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:97:PHE:CE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:97:PHE:CE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:97:PHE:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:97:PHE:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:97:PHE:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:97:PHE:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:97:PHE:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:97:PHE:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:97:PHE:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:97:PHE:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:97:PHE:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:97:PHE:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:97:PHE:HZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:97:PHE:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:97:PHE:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:99:CYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:99:CYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:99:CYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:99:CYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:99:CYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:99:CYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:99:CYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:99:CYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:99:CYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:99:CYS:SG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:100:GLN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:100:GLN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:100:GLN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:100:GLN:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:100:GLN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:100:GLN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:100:GLN:HA	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:OD1	1:C:100:GLN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:100:GLN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:100:GLN:HE21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:100:GLN:HE22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:100:GLN:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:100:GLN:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:100:GLN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:100:GLN:NE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:100:GLN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:100:GLN:OE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:104:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:105:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:105:ASN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:105:ASN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:105:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:105:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:105:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:105:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:105:ASN:HB3	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:OD1	1:C:105:ASN:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:105:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:105:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:105:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:105:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:105:ASN:OD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:110:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:110:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:110:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:110:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:110:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:110:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:110:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:110:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:110:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:110:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:110:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:110:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:110:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:110:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:110:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:110:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:110:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:110:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:110:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:110:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:110:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD1	1:C:110:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:HG2	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:48:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:52:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:52:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:52:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:52:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:52:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:52:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:52:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:52:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:52:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:52:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:52:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:52:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:52:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:52:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:52:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:52:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:52:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:52:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:52:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:52:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:52:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:52:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:53:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:53:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:53:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:53:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:53:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:53:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:53:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:53:LEU:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:53:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:53:LEU:HB3	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:OD2	1:C:53:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:53:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:53:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:53:LEU:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:53:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:53:LEU:HD23	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:53:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:53:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:53:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:54:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:54:ASN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:54:ASN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:54:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:54:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:54:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:54:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:54:ASN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:54:ASN:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:54:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:54:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:54:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:54:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:54:ASN:OD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:CE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:CE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:CH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:CZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:CZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:HH2	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:NE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:61:TRP:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:62:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:62:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:62:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:62:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:62:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:62:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:62:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:62:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:62:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:62:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:62:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:62:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:62:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:62:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:62:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:62:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:62:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:62:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:62:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:62:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:62:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:62:LYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:68:GLY:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:68:GLY:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:68:GLY:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:68:GLY:HA2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:68:GLY:HA3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:68:GLY:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:68:GLY:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:86:LEU:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:86:LEU:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:86:LEU:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:86:LEU:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:86:LEU:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:86:LEU:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:86:LEU:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:86:LEU:HA	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:OD2	1:C:86:LEU:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:86:LEU:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:86:LEU:HD11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:86:LEU:HD12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:86:LEU:HD13	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:86:LEU:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:86:LEU:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:86:LEU:HD23	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:86:LEU:HG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:86:LEU:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:86:LEU:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:97:PHE:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:97:PHE:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:97:PHE:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:97:PHE:CD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:97:PHE:CD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:97:PHE:CE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:97:PHE:CE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:97:PHE:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:97:PHE:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:97:PHE:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:97:PHE:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:97:PHE:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:97:PHE:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:97:PHE:HD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:97:PHE:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:97:PHE:HE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:97:PHE:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:97:PHE:HZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:97:PHE:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:97:PHE:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:99:CYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:99:CYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:99:CYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:99:CYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:99:CYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:99:CYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:99:CYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:99:CYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:99:CYS:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:99:CYS:SG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:100:GLN:C	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:OD2	1:C:100:GLN:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:100:GLN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:100:GLN:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:100:GLN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:100:GLN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:100:GLN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:100:GLN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:100:GLN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:100:GLN:HE21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:100:GLN:HE22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:100:GLN:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:100:GLN:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:100:GLN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:100:GLN:NE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:100:GLN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:100:GLN:OE1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:CZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:HE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:HH11	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:HH12	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:HH21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:HH22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:NE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:NH1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:NH2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:104:ARG:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:105:ASN:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:105:ASN:CA	10	1.88	0.1	1.89

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,23)	2:B:13:ASP:OD2	1:C:105:ASN:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:105:ASN:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:105:ASN:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:105:ASN:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:105:ASN:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:105:ASN:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:105:ASN:HD21	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:105:ASN:HD22	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:105:ASN:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:105:ASN:ND2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:105:ASN:O	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:105:ASN:OD1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:110:LYS:C	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:110:LYS:CA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:110:LYS:CB	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:110:LYS:CD	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:110:LYS:CE	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:110:LYS:CG	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:110:LYS:H	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:110:LYS:HA	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:110:LYS:HB2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:110:LYS:HB3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:110:LYS:HD2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:110:LYS:HD3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:110:LYS:HE2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:110:LYS:HE3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:110:LYS:HG2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:110:LYS:HG3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:110:LYS:HZ1	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:110:LYS:HZ2	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:110:LYS:HZ3	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:110:LYS:N	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:110:LYS:NZ	10	1.88	0.1	1.89
(1,23)	2:B:13:ASP:OD2	1:C:110:LYS:O	10	1.88	0.1	1.89
(1,26)	1:C:54:ASN:C	2:B:2:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:2:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:2:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:2:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:2:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:2:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:2:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:2:THR:HG1	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:C	2:B:2:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:2:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:2:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:2:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:2:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:2:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:3:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:3:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:3:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:3:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:3:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:3:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:3:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:3:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:3:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:3:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:3:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:3:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:3:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:3:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:3:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:5:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:5:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:5:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:5:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:5:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:5:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:5:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:5:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:5:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:5:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:5:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:5:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:5:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:5:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:5:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:6:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:6:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:6:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:6:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:6:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:6:THR:HA	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:C	2:B:6:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:6:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:6:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:6:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:6:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:6:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:6:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:6:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:8:MET:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:8:MET:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:8:MET:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:8:MET:CE	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:8:MET:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:8:MET:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:8:MET:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:8:MET:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:8:MET:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:8:MET:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:8:MET:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:8:MET:HE3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:8:MET:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:8:MET:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:8:MET:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:8:MET:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:8:MET:SD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:9:GLY:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:9:GLY:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:9:GLY:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:9:GLY:HA2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:9:GLY:HA3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:9:GLY:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:9:GLY:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:12:ILE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:12:ILE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:12:ILE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:12:ILE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:12:ILE:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:12:ILE:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:12:ILE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:12:ILE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:12:ILE:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:12:ILE:HD11	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:C	2:B:12:ILE:HD12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:12:ILE:HD13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:12:ILE:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:12:ILE:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:12:ILE:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:12:ILE:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:12:ILE:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:12:ILE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:12:ILE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:13:ASP:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:13:ASP:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:13:ASP:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:13:ASP:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:13:ASP:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:13:ASP:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:13:ASP:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:13:ASP:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:13:ASP:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:13:ASP:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:13:ASP:OD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:13:ASP:OD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:14:VAL:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:14:VAL:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:14:VAL:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:14:VAL:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:14:VAL:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:14:VAL:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:14:VAL:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:14:VAL:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:14:VAL:HG11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:14:VAL:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:14:VAL:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:14:VAL:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:14:VAL:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:14:VAL:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:14:VAL:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:14:VAL:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:15:PHE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:15:PHE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:15:PHE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:15:PHE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:15:PHE:CD2	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:C	2:B:15:PHE:CE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:15:PHE:CE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:15:PHE:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:15:PHE:CZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:15:PHE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:15:PHE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:15:PHE:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:15:PHE:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:15:PHE:HD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:15:PHE:HD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:15:PHE:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:15:PHE:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:15:PHE:HZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:15:PHE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:C	2:B:15:PHE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:2:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:2:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:2:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:2:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:2:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:2:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:2:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:2:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:2:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:2:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:2:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:2:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:2:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:2:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:3:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:3:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:3:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:3:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:3:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:3:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:3:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:3:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:3:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:3:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:3:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:3:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:3:GLU:O	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:CA	2:B:3:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:3:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:5:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:5:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:5:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:5:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:5:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:5:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:5:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:5:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:5:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:5:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:5:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:5:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:5:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:5:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:5:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:6:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:6:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:6:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:6:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:6:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:6:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:6:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:6:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:6:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:6:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:6:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:6:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:6:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:6:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:8:MET:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:8:MET:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:8:MET:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:8:MET:CE	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:8:MET:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:8:MET:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:8:MET:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:8:MET:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:8:MET:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:8:MET:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:8:MET:HE2	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:CA	2:B:8:MET:HE3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:8:MET:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:8:MET:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:8:MET:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:8:MET:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:8:MET:SD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:9:GLY:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:9:GLY:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:9:GLY:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:9:GLY:HA2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:9:GLY:HA3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:9:GLY:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:9:GLY:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:12:ILE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:12:ILE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:12:ILE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:12:ILE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:12:ILE:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:12:ILE:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:12:ILE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:12:ILE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:12:ILE:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:12:ILE:HD11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:12:ILE:HD12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:12:ILE:HD13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:12:ILE:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:12:ILE:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:12:ILE:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:12:ILE:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:12:ILE:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:12:ILE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:12:ILE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:13:ASP:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:13:ASP:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:13:ASP:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:13:ASP:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:13:ASP:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:13:ASP:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:13:ASP:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:13:ASP:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:13:ASP:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:13:ASP:O	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:CA	2:B:13:ASP:OD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:13:ASP:OD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:14:VAL:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:14:VAL:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:14:VAL:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:14:VAL:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:14:VAL:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:14:VAL:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:14:VAL:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:14:VAL:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:14:VAL:HG11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:14:VAL:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:14:VAL:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:14:VAL:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:14:VAL:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:14:VAL:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:14:VAL:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:14:VAL:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:15:PHE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:15:PHE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:15:PHE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:15:PHE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:15:PHE:CD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:15:PHE:CE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:15:PHE:CE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:15:PHE:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:15:PHE:CZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:15:PHE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:15:PHE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:15:PHE:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:15:PHE:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:15:PHE:HD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:15:PHE:HD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:15:PHE:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:15:PHE:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:15:PHE:HZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:15:PHE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CA	2:B:15:PHE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:2:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:2:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:2:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:2:THR:CG2	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:CB	2:B:2:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:2:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:2:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:2:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:2:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:2:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:2:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:2:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:2:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:2:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:3:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:3:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:3:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:3:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:3:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:3:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:3:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:3:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:3:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:3:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:3:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:3:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:3:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:3:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:3:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:5:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:5:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:5:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:5:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:5:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:5:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:5:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:5:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:5:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:5:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:5:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:5:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:5:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:5:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:5:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:6:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:6:THR:CA	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:CB	2:B:6:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:6:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:6:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:6:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:6:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:6:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:6:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:6:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:6:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:6:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:6:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:6:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:8:MET:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:8:MET:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:8:MET:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:8:MET:CE	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:8:MET:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:8:MET:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:8:MET:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:8:MET:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:8:MET:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:8:MET:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:8:MET:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:8:MET:HE3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:8:MET:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:8:MET:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:8:MET:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:8:MET:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:8:MET:SD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:9:GLY:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:9:GLY:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:9:GLY:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:9:GLY:HA2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:9:GLY:HA3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:9:GLY:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:9:GLY:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:12:ILE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:12:ILE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:12:ILE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:12:ILE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:12:ILE:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:12:ILE:CG2	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:CB	2:B:12:ILE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:12:ILE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:12:ILE:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:12:ILE:HD11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:12:ILE:HD12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:12:ILE:HD13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:12:ILE:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:12:ILE:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:12:ILE:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:12:ILE:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:12:ILE:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:12:ILE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:12:ILE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:13:ASP:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:13:ASP:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:13:ASP:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:13:ASP:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:13:ASP:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:13:ASP:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:13:ASP:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:13:ASP:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:13:ASP:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:13:ASP:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:13:ASP:OD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:13:ASP:OD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:14:VAL:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:14:VAL:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:14:VAL:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:14:VAL:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:14:VAL:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:14:VAL:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:14:VAL:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:14:VAL:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:14:VAL:HG11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:14:VAL:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:14:VAL:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:14:VAL:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:14:VAL:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:14:VAL:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:14:VAL:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:14:VAL:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:15:PHE:C	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:CB	2:B:15:PHE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:15:PHE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:15:PHE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:15:PHE:CD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:15:PHE:CE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:15:PHE:CE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:15:PHE:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:15:PHE:CZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:15:PHE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:15:PHE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:15:PHE:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:15:PHE:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:15:PHE:HD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:15:PHE:HD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:15:PHE:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:15:PHE:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:15:PHE:HZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:15:PHE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CB	2:B:15:PHE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:2:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:2:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:2:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:2:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:2:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:2:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:2:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:2:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:2:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:2:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:2:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:2:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:2:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:2:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:3:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:3:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:3:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:3:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:3:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:3:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:3:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:3:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:3:GLU:HB3	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:CG	2:B:3:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:3:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:3:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:3:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:3:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:3:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:5:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:5:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:5:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:5:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:5:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:5:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:5:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:5:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:5:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:5:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:5:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:5:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:5:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:5:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:5:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:6:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:6:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:6:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:6:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:6:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:6:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:6:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:6:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:6:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:6:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:6:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:6:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:6:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:6:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:8:MET:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:8:MET:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:8:MET:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:8:MET:CE	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:8:MET:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:8:MET:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:8:MET:HA	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:CG	2:B:8:MET:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:8:MET:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:8:MET:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:8:MET:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:8:MET:HE3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:8:MET:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:8:MET:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:8:MET:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:8:MET:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:8:MET:SD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:9:GLY:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:9:GLY:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:9:GLY:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:9:GLY:HA2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:9:GLY:HA3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:9:GLY:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:9:GLY:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:12:ILE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:12:ILE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:12:ILE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:12:ILE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:12:ILE:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:12:ILE:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:12:ILE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:12:ILE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:12:ILE:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:12:ILE:HD11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:12:ILE:HD12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:12:ILE:HD13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:12:ILE:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:12:ILE:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:12:ILE:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:12:ILE:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:12:ILE:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:12:ILE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:12:ILE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:13:ASP:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:13:ASP:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:13:ASP:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:13:ASP:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:13:ASP:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:13:ASP:HA	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:CG	2:B:13:ASP:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:13:ASP:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:13:ASP:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:13:ASP:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:13:ASP:OD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:13:ASP:OD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:14:VAL:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:14:VAL:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:14:VAL:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:14:VAL:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:14:VAL:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:14:VAL:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:14:VAL:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:14:VAL:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:14:VAL:HG11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:14:VAL:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:14:VAL:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:14:VAL:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:14:VAL:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:14:VAL:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:14:VAL:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:14:VAL:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:15:PHE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:15:PHE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:15:PHE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:15:PHE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:15:PHE:CD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:15:PHE:CE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:15:PHE:CE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:15:PHE:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:15:PHE:CZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:15:PHE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:15:PHE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:15:PHE:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:15:PHE:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:15:PHE:HD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:15:PHE:HD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:15:PHE:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:15:PHE:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:15:PHE:HZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:15:PHE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:CG	2:B:15:PHE:O	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:H	2:B:2:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:2:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:2:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:2:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:2:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:2:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:2:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:2:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:2:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:2:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:2:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:2:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:2:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:2:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:3:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:3:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:3:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:3:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:3:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:3:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:3:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:3:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:3:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:3:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:3:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:3:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:3:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:3:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:3:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:5:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:5:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:5:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:5:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:5:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:5:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:5:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:5:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:5:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:5:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:5:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:5:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:5:GLU:O	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:H	2:B:5:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:5:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:6:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:6:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:6:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:6:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:6:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:6:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:6:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:6:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:6:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:6:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:6:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:6:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:6:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:6:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:8:MET:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:8:MET:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:8:MET:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:8:MET:CE	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:8:MET:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:8:MET:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:8:MET:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:8:MET:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:8:MET:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:8:MET:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:8:MET:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:8:MET:HE3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:8:MET:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:8:MET:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:8:MET:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:8:MET:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:8:MET:SD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:9:GLY:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:9:GLY:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:9:GLY:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:9:GLY:HA2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:9:GLY:HA3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:9:GLY:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:9:GLY:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:12:ILE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:12:ILE:CA	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:H	2:B:12:ILE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:12:ILE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:12:ILE:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:12:ILE:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:12:ILE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:12:ILE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:12:ILE:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:12:ILE:HD11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:12:ILE:HD12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:12:ILE:HD13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:12:ILE:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:12:ILE:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:12:ILE:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:12:ILE:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:12:ILE:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:12:ILE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:12:ILE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:13:ASP:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:13:ASP:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:13:ASP:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:13:ASP:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:13:ASP:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:13:ASP:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:13:ASP:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:13:ASP:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:13:ASP:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:13:ASP:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:13:ASP:OD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:13:ASP:OD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:14:VAL:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:14:VAL:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:14:VAL:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:14:VAL:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:14:VAL:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:14:VAL:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:14:VAL:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:14:VAL:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:14:VAL:HG11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:14:VAL:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:14:VAL:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:14:VAL:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:14:VAL:HG22	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:H	2:B:14:VAL:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:14:VAL:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:14:VAL:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:15:PHE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:15:PHE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:15:PHE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:15:PHE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:15:PHE:CD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:15:PHE:CE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:15:PHE:CE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:15:PHE:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:15:PHE:CZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:15:PHE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:15:PHE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:15:PHE:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:15:PHE:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:15:PHE:HD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:15:PHE:HD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:15:PHE:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:15:PHE:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:15:PHE:HZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:15:PHE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:H	2:B:15:PHE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:2:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:2:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:2:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:2:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:2:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:2:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:2:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:2:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:2:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:2:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:2:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:2:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:2:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:2:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:3:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:3:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:3:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:3:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:3:GLU:CG	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:HA	2:B:3:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:3:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:3:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:3:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:3:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:3:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:3:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:3:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:3:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:3:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:5:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:5:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:5:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:5:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:5:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:5:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:5:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:5:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:5:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:5:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:5:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:5:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:5:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:5:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:5:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:6:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:6:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:6:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:6:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:6:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:6:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:6:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:6:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:6:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:6:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:6:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:6:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:6:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:6:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:8:MET:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:8:MET:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:8:MET:CB	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:HA	2:B:8:MET:CE	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:8:MET:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:8:MET:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:8:MET:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:8:MET:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:8:MET:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:8:MET:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:8:MET:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:8:MET:HE3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:8:MET:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:8:MET:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:8:MET:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:8:MET:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:8:MET:SD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:9:GLY:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:9:GLY:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:9:GLY:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:9:GLY:HA2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:9:GLY:HA3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:9:GLY:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:9:GLY:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:12:ILE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:12:ILE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:12:ILE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:12:ILE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:12:ILE:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:12:ILE:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:12:ILE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:12:ILE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:12:ILE:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:12:ILE:HD11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:12:ILE:HD12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:12:ILE:HD13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:12:ILE:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:12:ILE:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:12:ILE:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:12:ILE:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:12:ILE:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:12:ILE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:12:ILE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:13:ASP:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:13:ASP:CA	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:HA	2:B:13:ASP:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:13:ASP:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:13:ASP:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:13:ASP:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:13:ASP:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:13:ASP:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:13:ASP:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:13:ASP:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:13:ASP:OD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:13:ASP:OD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:14:VAL:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:14:VAL:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:14:VAL:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:14:VAL:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:14:VAL:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:14:VAL:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:14:VAL:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:14:VAL:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:14:VAL:HG11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:14:VAL:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:14:VAL:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:14:VAL:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:14:VAL:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:14:VAL:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:14:VAL:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:14:VAL:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:15:PHE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:15:PHE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:15:PHE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:15:PHE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:15:PHE:CD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:15:PHE:CE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:15:PHE:CE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:15:PHE:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:15:PHE:CZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:15:PHE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:15:PHE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:15:PHE:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:15:PHE:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:15:PHE:HD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:15:PHE:HD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:15:PHE:HE1	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:HA	2:B:15:PHE:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:15:PHE:HZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:15:PHE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HA	2:B:15:PHE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:2:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:2:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:2:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:2:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:2:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:2:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:2:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:2:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:2:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:2:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:2:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:2:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:2:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:2:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:3:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:3:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:3:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:3:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:3:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:3:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:3:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:3:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:3:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:3:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:3:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:3:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:3:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:3:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:3:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:5:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:5:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:5:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:5:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:5:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:5:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:5:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:5:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:5:GLU:HB3	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:HB2	2:B:5:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:5:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:5:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:5:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:5:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:5:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:6:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:6:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:6:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:6:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:6:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:6:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:6:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:6:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:6:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:6:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:6:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:6:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:6:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:6:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:8:MET:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:8:MET:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:8:MET:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:8:MET:CE	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:8:MET:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:8:MET:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:8:MET:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:8:MET:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:8:MET:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:8:MET:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:8:MET:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:8:MET:HE3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:8:MET:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:8:MET:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:8:MET:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:8:MET:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:8:MET:SD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:9:GLY:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:9:GLY:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:9:GLY:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:9:GLY:HA2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:9:GLY:HA3	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:HB2	2:B:9:GLY:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:9:GLY:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:12:ILE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:12:ILE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:12:ILE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:12:ILE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:12:ILE:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:12:ILE:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:12:ILE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:12:ILE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:12:ILE:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:12:ILE:HD11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:12:ILE:HD12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:12:ILE:HD13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:12:ILE:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:12:ILE:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:12:ILE:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:12:ILE:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:12:ILE:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:12:ILE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:12:ILE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:13:ASP:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:13:ASP:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:13:ASP:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:13:ASP:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:13:ASP:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:13:ASP:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:13:ASP:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:13:ASP:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:13:ASP:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:13:ASP:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:13:ASP:OD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:13:ASP:OD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:14:VAL:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:14:VAL:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:14:VAL:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:14:VAL:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:14:VAL:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:14:VAL:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:14:VAL:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:14:VAL:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:14:VAL:HG11	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:HB2	2:B:14:VAL:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:14:VAL:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:14:VAL:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:14:VAL:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:14:VAL:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:14:VAL:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:14:VAL:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:15:PHE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:15:PHE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:15:PHE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:15:PHE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:15:PHE:CD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:15:PHE:CE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:15:PHE:CE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:15:PHE:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:15:PHE:CZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:15:PHE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:15:PHE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:15:PHE:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:15:PHE:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:15:PHE:HD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:15:PHE:HD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:15:PHE:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:15:PHE:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:15:PHE:HZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:15:PHE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB2	2:B:15:PHE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:2:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:2:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:2:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:2:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:2:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:2:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:2:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:2:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:2:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:2:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:2:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:2:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:2:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:2:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:3:GLU:C	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:HB3	2:B:3:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:3:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:3:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:3:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:3:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:3:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:3:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:3:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:3:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:3:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:3:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:3:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:3:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:3:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:5:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:5:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:5:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:5:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:5:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:5:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:5:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:5:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:5:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:5:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:5:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:5:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:5:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:5:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:5:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:6:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:6:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:6:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:6:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:6:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:6:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:6:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:6:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:6:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:6:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:6:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:6:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:6:THR:O	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:HB3	2:B:6:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:8:MET:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:8:MET:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:8:MET:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:8:MET:CE	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:8:MET:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:8:MET:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:8:MET:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:8:MET:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:8:MET:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:8:MET:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:8:MET:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:8:MET:HE3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:8:MET:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:8:MET:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:8:MET:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:8:MET:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:8:MET:SD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:9:GLY:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:9:GLY:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:9:GLY:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:9:GLY:HA2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:9:GLY:HA3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:9:GLY:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:9:GLY:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:12:ILE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:12:ILE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:12:ILE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:12:ILE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:12:ILE:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:12:ILE:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:12:ILE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:12:ILE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:12:ILE:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:12:ILE:HD11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:12:ILE:HD12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:12:ILE:HD13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:12:ILE:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:12:ILE:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:12:ILE:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:12:ILE:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:12:ILE:HG23	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:HB3	2:B:12:ILE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:12:ILE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:13:ASP:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:13:ASP:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:13:ASP:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:13:ASP:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:13:ASP:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:13:ASP:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:13:ASP:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:13:ASP:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:13:ASP:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:13:ASP:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:13:ASP:OD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:13:ASP:OD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:14:VAL:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:14:VAL:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:14:VAL:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:14:VAL:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:14:VAL:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:14:VAL:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:14:VAL:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:14:VAL:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:14:VAL:HG11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:14:VAL:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:14:VAL:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:14:VAL:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:14:VAL:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:14:VAL:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:14:VAL:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:14:VAL:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:15:PHE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:15:PHE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:15:PHE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:15:PHE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:15:PHE:CD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:15:PHE:CE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:15:PHE:CE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:15:PHE:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:15:PHE:CZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:15:PHE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:15:PHE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:15:PHE:HB2	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:HB3	2:B:15:PHE:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:15:PHE:HD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:15:PHE:HD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:15:PHE:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:15:PHE:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:15:PHE:HZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:15:PHE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HB3	2:B:15:PHE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:2:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:2:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:2:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:2:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:2:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:2:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:2:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:2:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:2:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:2:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:2:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:2:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:2:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:2:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:3:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:3:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:3:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:3:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:3:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:3:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:3:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:3:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:3:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:3:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:3:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:3:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:3:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:3:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:3:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:5:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:5:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:5:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:5:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:5:GLU:CG	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:HD21	2:B:5:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:5:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:5:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:5:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:5:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:5:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:5:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:5:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:5:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:5:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:6:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:6:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:6:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:6:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:6:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:6:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:6:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:6:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:6:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:6:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:6:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:6:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:6:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:6:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:8:MET:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:8:MET:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:8:MET:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:8:MET:CE	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:8:MET:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:8:MET:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:8:MET:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:8:MET:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:8:MET:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:8:MET:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:8:MET:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:8:MET:HE3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:8:MET:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:8:MET:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:8:MET:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:8:MET:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:8:MET:SD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:9:GLY:C	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:HD21	2:B:9:GLY:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:9:GLY:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:9:GLY:HA2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:9:GLY:HA3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:9:GLY:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:9:GLY:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:12:ILE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:12:ILE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:12:ILE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:12:ILE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:12:ILE:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:12:ILE:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:12:ILE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:12:ILE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:12:ILE:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:12:ILE:HD11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:12:ILE:HD12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:12:ILE:HD13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:12:ILE:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:12:ILE:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:12:ILE:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:12:ILE:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:12:ILE:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:12:ILE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:12:ILE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:13:ASP:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:13:ASP:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:13:ASP:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:13:ASP:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:13:ASP:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:13:ASP:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:13:ASP:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:13:ASP:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:13:ASP:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:13:ASP:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:13:ASP:OD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:13:ASP:OD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:14:VAL:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:14:VAL:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:14:VAL:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:14:VAL:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:14:VAL:CG2	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:HD21	2:B:14:VAL:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:14:VAL:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:14:VAL:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:14:VAL:HG11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:14:VAL:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:14:VAL:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:14:VAL:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:14:VAL:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:14:VAL:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:14:VAL:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:14:VAL:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:15:PHE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:15:PHE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:15:PHE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:15:PHE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:15:PHE:CD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:15:PHE:CE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:15:PHE:CE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:15:PHE:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:15:PHE:CZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:15:PHE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:15:PHE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:15:PHE:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:15:PHE:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:15:PHE:HD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:15:PHE:HD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:15:PHE:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:15:PHE:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:15:PHE:HZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:15:PHE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD21	2:B:15:PHE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:2:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:2:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:2:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:2:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:2:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:2:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:2:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:2:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:2:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:2:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:2:THR:HG23	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:HD22	2:B:2:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:2:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:2:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:3:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:3:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:3:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:3:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:3:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:3:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:3:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:3:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:3:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:3:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:3:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:3:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:3:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:3:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:3:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:5:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:5:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:5:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:5:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:5:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:5:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:5:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:5:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:5:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:5:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:5:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:5:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:5:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:5:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:5:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:6:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:6:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:6:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:6:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:6:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:6:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:6:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:6:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:6:THR:HG21	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:HD22	2:B:6:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:6:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:6:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:6:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:6:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:8:MET:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:8:MET:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:8:MET:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:8:MET:CE	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:8:MET:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:8:MET:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:8:MET:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:8:MET:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:8:MET:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:8:MET:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:8:MET:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:8:MET:HE3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:8:MET:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:8:MET:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:8:MET:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:8:MET:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:8:MET:SD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:9:GLY:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:9:GLY:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:9:GLY:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:9:GLY:HA2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:9:GLY:HA3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:9:GLY:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:9:GLY:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:12:ILE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:12:ILE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:12:ILE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:12:ILE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:12:ILE:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:12:ILE:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:12:ILE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:12:ILE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:12:ILE:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:12:ILE:HD11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:12:ILE:HD12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:12:ILE:HD13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:12:ILE:HG12	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:HD22	2:B:12:ILE:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:12:ILE:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:12:ILE:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:12:ILE:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:12:ILE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:12:ILE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:13:ASP:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:13:ASP:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:13:ASP:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:13:ASP:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:13:ASP:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:13:ASP:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:13:ASP:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:13:ASP:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:13:ASP:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:13:ASP:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:13:ASP:OD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:13:ASP:OD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:14:VAL:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:14:VAL:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:14:VAL:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:14:VAL:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:14:VAL:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:14:VAL:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:14:VAL:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:14:VAL:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:14:VAL:HG11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:14:VAL:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:14:VAL:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:14:VAL:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:14:VAL:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:14:VAL:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:14:VAL:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:14:VAL:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:15:PHE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:15:PHE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:15:PHE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:15:PHE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:15:PHE:CD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:15:PHE:CE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:15:PHE:CE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:15:PHE:CG	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:HD22	2:B:15:PHE:CZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:15:PHE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:15:PHE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:15:PHE:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:15:PHE:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:15:PHE:HD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:15:PHE:HD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:15:PHE:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:15:PHE:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:15:PHE:HZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:15:PHE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:HD22	2:B:15:PHE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:2:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:2:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:2:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:2:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:2:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:2:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:2:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:2:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:2:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:2:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:2:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:2:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:2:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:2:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:3:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:3:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:3:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:3:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:3:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:3:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:3:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:3:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:3:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:3:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:3:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:3:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:3:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:3:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:3:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:5:GLU:C	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:N	2:B:5:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:5:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:5:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:5:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:5:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:5:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:5:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:5:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:5:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:5:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:5:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:5:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:5:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:5:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:6:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:6:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:6:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:6:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:6:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:6:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:6:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:6:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:6:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:6:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:6:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:6:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:6:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:6:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:8:MET:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:8:MET:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:8:MET:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:8:MET:CE	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:8:MET:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:8:MET:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:8:MET:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:8:MET:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:8:MET:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:8:MET:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:8:MET:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:8:MET:HE3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:8:MET:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:8:MET:HG3	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:N	2:B:8:MET:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:8:MET:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:8:MET:SD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:9:GLY:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:9:GLY:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:9:GLY:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:9:GLY:HA2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:9:GLY:HA3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:9:GLY:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:9:GLY:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:12:ILE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:12:ILE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:12:ILE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:12:ILE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:12:ILE:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:12:ILE:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:12:ILE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:12:ILE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:12:ILE:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:12:ILE:HD11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:12:ILE:HD12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:12:ILE:HD13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:12:ILE:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:12:ILE:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:12:ILE:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:12:ILE:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:12:ILE:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:12:ILE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:12:ILE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:13:ASP:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:13:ASP:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:13:ASP:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:13:ASP:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:13:ASP:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:13:ASP:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:13:ASP:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:13:ASP:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:13:ASP:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:13:ASP:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:13:ASP:OD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:13:ASP:OD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:14:VAL:C	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:N	2:B:14:VAL:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:14:VAL:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:14:VAL:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:14:VAL:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:14:VAL:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:14:VAL:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:14:VAL:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:14:VAL:HG11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:14:VAL:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:14:VAL:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:14:VAL:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:14:VAL:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:14:VAL:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:14:VAL:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:14:VAL:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:15:PHE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:15:PHE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:15:PHE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:15:PHE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:15:PHE:CD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:15:PHE:CE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:15:PHE:CE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:15:PHE:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:15:PHE:CZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:15:PHE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:15:PHE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:15:PHE:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:15:PHE:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:15:PHE:HD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:15:PHE:HD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:15:PHE:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:15:PHE:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:15:PHE:HZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:15:PHE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:N	2:B:15:PHE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:2:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:2:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:2:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:2:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:2:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:2:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:2:THR:HB	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:ND2	2:B:2:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:2:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:2:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:2:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:2:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:2:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:2:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:3:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:3:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:3:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:3:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:3:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:3:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:3:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:3:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:3:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:3:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:3:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:3:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:3:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:3:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:3:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:5:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:5:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:5:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:5:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:5:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:5:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:5:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:5:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:5:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:5:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:5:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:5:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:5:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:5:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:5:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:6:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:6:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:6:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:6:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:6:THR:H	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:ND2	2:B:6:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:6:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:6:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:6:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:6:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:6:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:6:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:6:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:6:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:8:MET:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:8:MET:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:8:MET:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:8:MET:CE	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:8:MET:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:8:MET:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:8:MET:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:8:MET:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:8:MET:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:8:MET:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:8:MET:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:8:MET:HE3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:8:MET:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:8:MET:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:8:MET:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:8:MET:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:8:MET:SD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:9:GLY:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:9:GLY:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:9:GLY:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:9:GLY:HA2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:9:GLY:HA3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:9:GLY:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:9:GLY:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:12:ILE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:12:ILE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:12:ILE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:12:ILE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:12:ILE:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:12:ILE:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:12:ILE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:12:ILE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:12:ILE:HB	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:ND2	2:B:12:ILE:HD11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:12:ILE:HD12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:12:ILE:HD13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:12:ILE:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:12:ILE:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:12:ILE:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:12:ILE:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:12:ILE:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:12:ILE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:12:ILE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:13:ASP:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:13:ASP:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:13:ASP:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:13:ASP:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:13:ASP:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:13:ASP:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:13:ASP:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:13:ASP:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:13:ASP:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:13:ASP:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:13:ASP:OD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:13:ASP:OD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:14:VAL:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:14:VAL:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:14:VAL:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:14:VAL:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:14:VAL:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:14:VAL:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:14:VAL:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:14:VAL:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:14:VAL:HG11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:14:VAL:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:14:VAL:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:14:VAL:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:14:VAL:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:14:VAL:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:14:VAL:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:14:VAL:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:15:PHE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:15:PHE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:15:PHE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:15:PHE:CD1	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:ND2	2:B:15:PHE:CD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:15:PHE:CE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:15:PHE:CE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:15:PHE:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:15:PHE:CZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:15:PHE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:15:PHE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:15:PHE:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:15:PHE:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:15:PHE:HD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:15:PHE:HD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:15:PHE:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:15:PHE:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:15:PHE:HZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:15:PHE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:ND2	2:B:15:PHE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:2:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:2:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:2:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:2:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:2:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:2:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:2:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:2:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:2:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:2:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:2:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:2:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:2:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:2:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:3:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:3:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:3:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:3:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:3:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:3:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:3:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:3:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:3:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:3:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:3:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:3:GLU:N	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:O	2:B:3:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:3:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:3:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:5:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:5:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:5:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:5:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:5:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:5:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:5:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:5:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:5:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:5:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:5:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:5:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:5:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:5:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:5:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:6:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:6:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:6:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:6:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:6:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:6:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:6:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:6:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:6:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:6:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:6:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:6:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:6:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:6:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:8:MET:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:8:MET:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:8:MET:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:8:MET:CE	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:8:MET:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:8:MET:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:8:MET:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:8:MET:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:8:MET:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:8:MET:HE1	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:O	2:B:8:MET:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:8:MET:HE3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:8:MET:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:8:MET:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:8:MET:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:8:MET:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:8:MET:SD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:9:GLY:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:9:GLY:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:9:GLY:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:9:GLY:HA2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:9:GLY:HA3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:9:GLY:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:9:GLY:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:12:ILE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:12:ILE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:12:ILE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:12:ILE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:12:ILE:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:12:ILE:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:12:ILE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:12:ILE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:12:ILE:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:12:ILE:HD11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:12:ILE:HD12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:12:ILE:HD13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:12:ILE:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:12:ILE:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:12:ILE:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:12:ILE:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:12:ILE:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:12:ILE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:12:ILE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:13:ASP:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:13:ASP:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:13:ASP:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:13:ASP:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:13:ASP:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:13:ASP:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:13:ASP:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:13:ASP:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:13:ASP:N	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:O	2:B:13:ASP:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:13:ASP:OD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:13:ASP:OD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:14:VAL:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:14:VAL:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:14:VAL:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:14:VAL:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:14:VAL:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:14:VAL:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:14:VAL:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:14:VAL:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:14:VAL:HG11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:14:VAL:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:14:VAL:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:14:VAL:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:14:VAL:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:14:VAL:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:14:VAL:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:14:VAL:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:15:PHE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:15:PHE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:15:PHE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:15:PHE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:15:PHE:CD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:15:PHE:CE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:15:PHE:CE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:15:PHE:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:15:PHE:CZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:15:PHE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:15:PHE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:15:PHE:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:15:PHE:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:15:PHE:HD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:15:PHE:HD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:15:PHE:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:15:PHE:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:15:PHE:HZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:15:PHE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:O	2:B:15:PHE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:2:THR:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:2:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:2:THR:CB	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:OD1	2:B:2:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:2:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:2:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:2:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:2:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:2:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:2:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:2:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:2:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:2:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:2:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:3:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:3:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:3:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:3:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:3:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:3:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:3:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:3:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:3:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:3:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:3:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:3:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:3:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:3:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:3:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:5:GLU:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:5:GLU:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:5:GLU:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:5:GLU:CD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:5:GLU:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:5:GLU:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:5:GLU:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:5:GLU:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:5:GLU:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:5:GLU:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:5:GLU:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:5:GLU:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:5:GLU:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:5:GLU:OE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:5:GLU:OE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:6:THR:C	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:OD1	2:B:6:THR:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:6:THR:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:6:THR:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:6:THR:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:6:THR:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:6:THR:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:6:THR:HG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:6:THR:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:6:THR:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:6:THR:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:6:THR:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:6:THR:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:6:THR:OG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:8:MET:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:8:MET:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:8:MET:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:8:MET:CE	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:8:MET:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:8:MET:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:8:MET:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:8:MET:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:8:MET:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:8:MET:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:8:MET:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:8:MET:HE3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:8:MET:HG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:8:MET:HG3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:8:MET:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:8:MET:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:8:MET:SD	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:9:GLY:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:9:GLY:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:9:GLY:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:9:GLY:HA2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:9:GLY:HA3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:9:GLY:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:9:GLY:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:12:ILE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:12:ILE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:12:ILE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:12:ILE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:12:ILE:CG1	10	1.69	0.06	1.7

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Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:OD1	2:B:12:ILE:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:12:ILE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:12:ILE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:12:ILE:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:12:ILE:HD11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:12:ILE:HD12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:12:ILE:HD13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:12:ILE:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:12:ILE:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:12:ILE:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:12:ILE:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:12:ILE:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:12:ILE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:12:ILE:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:13:ASP:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:13:ASP:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:13:ASP:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:13:ASP:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:13:ASP:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:13:ASP:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:13:ASP:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:13:ASP:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:13:ASP:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:13:ASP:O	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:13:ASP:OD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:13:ASP:OD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:14:VAL:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:14:VAL:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:14:VAL:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:14:VAL:CG1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:14:VAL:CG2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:14:VAL:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:14:VAL:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:14:VAL:HB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:14:VAL:HG11	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:14:VAL:HG12	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:14:VAL:HG13	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:14:VAL:HG21	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:14:VAL:HG22	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:14:VAL:HG23	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:14:VAL:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:14:VAL:O	10	1.69	0.06	1.7

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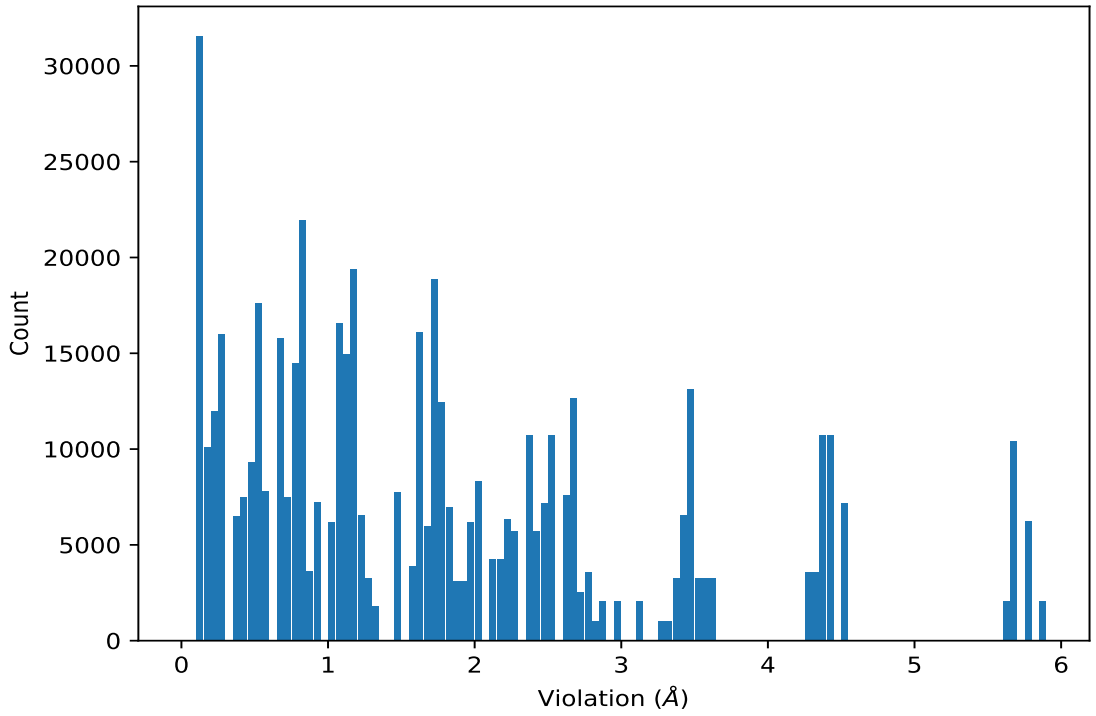
Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,26)	1:C:54:ASN:OD1	2:B:15:PHE:C	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:15:PHE:CA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:15:PHE:CB	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:15:PHE:CD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:15:PHE:CD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:15:PHE:CE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:15:PHE:CE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:15:PHE:CG	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:15:PHE:CZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:15:PHE:H	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:15:PHE:HA	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:15:PHE:HB2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:15:PHE:HB3	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:15:PHE:HD1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:15:PHE:HD2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:15:PHE:HE1	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:15:PHE:HE2	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:15:PHE:HZ	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:15:PHE:N	10	1.69	0.06	1.7
(1,26)	1:C:54:ASN:OD1	2:B:15:PHE:O	10	1.69	0.06	1.7
(1,20)	2:B:3:GLU:C	1:C:48:ARG:C	10	1.64	0.11	1.65

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

9.5 All violated distance restraints (i)

9.5.1 Histogram : Distribution of distance violations (i)

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



9.5.2 Table : All distance violations (i)

The following table provides the 10 worst performing restraints, sorted by the violation value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint. Rows with same key represent combinatorial or ambiguous restraints and are counted as a single restraint.

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:2:THR:C	10	5.89
(1,31)	1:C:105:ASN:C	2:B:2:THR:CA	10	5.89
(1,31)	1:C:105:ASN:C	2:B:2:THR:CB	10	5.89
(1,31)	1:C:105:ASN:C	2:B:2:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:C	2:B:2:THR:H	10	5.89
(1,31)	1:C:105:ASN:C	2:B:2:THR:HA	10	5.89
(1,31)	1:C:105:ASN:C	2:B:2:THR:HB	10	5.89
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:C	2:B:2:THR:N	10	5.89
(1,31)	1:C:105:ASN:C	2:B:2:THR:O	10	5.89
(1,31)	1:C:105:ASN:C	2:B:2:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:C	2:B:3:GLU:C	10	5.89
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CB	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:C	2:B:3:GLU:H	10	5.89
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:C	2:B:3:GLU:N	10	5.89
(1,31)	1:C:105:ASN:C	2:B:3:GLU:O	10	5.89
(1,31)	1:C:105:ASN:C	2:B:3:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:C	2:B:3:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:C	2:B:5:GLU:C	10	5.89
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:C	2:B:5:GLU:H	10	5.89
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:C	2:B:5:GLU:N	10	5.89
(1,31)	1:C:105:ASN:C	2:B:5:GLU:O	10	5.89
(1,31)	1:C:105:ASN:C	2:B:5:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:C	2:B:5:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:C	2:B:6:THR:C	10	5.89
(1,31)	1:C:105:ASN:C	2:B:6:THR:CA	10	5.89
(1,31)	1:C:105:ASN:C	2:B:6:THR:CB	10	5.89
(1,31)	1:C:105:ASN:C	2:B:6:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:C	2:B:6:THR:H	10	5.89
(1,31)	1:C:105:ASN:C	2:B:6:THR:HA	10	5.89
(1,31)	1:C:105:ASN:C	2:B:6:THR:HB	10	5.89
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:C	2:B:6:THR:N	10	5.89
(1,31)	1:C:105:ASN:C	2:B:6:THR:O	10	5.89
(1,31)	1:C:105:ASN:C	2:B:6:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:C	2:B:8:MET:C	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:8:MET:CA	10	5.89
(1,31)	1:C:105:ASN:C	2:B:8:MET:CB	10	5.89
(1,31)	1:C:105:ASN:C	2:B:8:MET:CE	10	5.89
(1,31)	1:C:105:ASN:C	2:B:8:MET:CG	10	5.89
(1,31)	1:C:105:ASN:C	2:B:8:MET:H	10	5.89
(1,31)	1:C:105:ASN:C	2:B:8:MET:HA	10	5.89
(1,31)	1:C:105:ASN:C	2:B:8:MET:HB2	10	5.89
(1,31)	1:C:105:ASN:C	2:B:8:MET:HB3	10	5.89
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE1	10	5.89
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE2	10	5.89
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE3	10	5.89
(1,31)	1:C:105:ASN:C	2:B:8:MET:HG2	10	5.89
(1,31)	1:C:105:ASN:C	2:B:8:MET:HG3	10	5.89
(1,31)	1:C:105:ASN:C	2:B:8:MET:N	10	5.89
(1,31)	1:C:105:ASN:C	2:B:8:MET:O	10	5.89
(1,31)	1:C:105:ASN:C	2:B:8:MET:SD	10	5.89
(1,31)	1:C:105:ASN:C	2:B:9:GLY:C	10	5.89
(1,31)	1:C:105:ASN:C	2:B:9:GLY:CA	10	5.89
(1,31)	1:C:105:ASN:C	2:B:9:GLY:H	10	5.89
(1,31)	1:C:105:ASN:C	2:B:9:GLY:HA2	10	5.89
(1,31)	1:C:105:ASN:C	2:B:9:GLY:HA3	10	5.89
(1,31)	1:C:105:ASN:C	2:B:9:GLY:N	10	5.89
(1,31)	1:C:105:ASN:C	2:B:9:GLY:O	10	5.89
(1,31)	1:C:105:ASN:C	2:B:12:ILE:C	10	5.89
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CA	10	5.89
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CB	10	5.89
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CD1	10	5.89
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CG1	10	5.89
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CG2	10	5.89
(1,31)	1:C:105:ASN:C	2:B:12:ILE:H	10	5.89
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HA	10	5.89
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HB	10	5.89
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD11	10	5.89
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD12	10	5.89
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD13	10	5.89
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG12	10	5.89
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG13	10	5.89
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG21	10	5.89
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG22	10	5.89
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG23	10	5.89
(1,31)	1:C:105:ASN:C	2:B:12:ILE:N	10	5.89
(1,31)	1:C:105:ASN:C	2:B:12:ILE:O	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:13:ASP:C	10	5.89
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CA	10	5.89
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CB	10	5.89
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CG	10	5.89
(1,31)	1:C:105:ASN:C	2:B:13:ASP:H	10	5.89
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HA	10	5.89
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HB2	10	5.89
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HB3	10	5.89
(1,31)	1:C:105:ASN:C	2:B:13:ASP:N	10	5.89
(1,31)	1:C:105:ASN:C	2:B:13:ASP:O	10	5.89
(1,31)	1:C:105:ASN:C	2:B:13:ASP:OD1	10	5.89
(1,31)	1:C:105:ASN:C	2:B:13:ASP:OD2	10	5.89
(1,31)	1:C:105:ASN:C	2:B:14:VAL:C	10	5.89
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CA	10	5.89
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CB	10	5.89
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CG1	10	5.89
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CG2	10	5.89
(1,31)	1:C:105:ASN:C	2:B:14:VAL:H	10	5.89
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HA	10	5.89
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HB	10	5.89
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG11	10	5.89
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG12	10	5.89
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG13	10	5.89
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG21	10	5.89
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG22	10	5.89
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG23	10	5.89
(1,31)	1:C:105:ASN:C	2:B:14:VAL:N	10	5.89
(1,31)	1:C:105:ASN:C	2:B:14:VAL:O	10	5.89
(1,31)	1:C:105:ASN:C	2:B:15:PHE:C	10	5.89
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CA	10	5.89
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CB	10	5.89
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CD1	10	5.89
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CD2	10	5.89
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CE1	10	5.89
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CE2	10	5.89
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CG	10	5.89
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CZ	10	5.89
(1,31)	1:C:105:ASN:C	2:B:15:PHE:H	10	5.89
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HA	10	5.89
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HB2	10	5.89
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HB3	10	5.89
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HD1	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HD2	10	5.89
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HE1	10	5.89
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HE2	10	5.89
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HZ	10	5.89
(1,31)	1:C:105:ASN:C	2:B:15:PHE:N	10	5.89
(1,31)	1:C:105:ASN:C	2:B:15:PHE:O	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:2:THR:C	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CA	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CB	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:2:THR:H	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HA	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HB	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:2:THR:N	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:2:THR:O	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:2:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:C	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:H	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:N	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:O	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:C	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:H	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HA	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:N	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:O	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:6:THR:C	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CA	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CB	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:6:THR:H	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HA	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HB	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:6:THR:N	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:6:THR:O	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:6:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:8:MET:C	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CA	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CB	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CE	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CG	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:8:MET:H	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HA	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HB2	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HB3	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE1	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE2	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE3	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HG2	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HG3	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:8:MET:N	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:8:MET:O	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:8:MET:SD	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:C	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:CA	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:H	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:HA2	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:HA3	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:N	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:O	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:C	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CA	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CB	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CD1	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CG1	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CG2	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:H	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HA	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HB	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD11	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD12	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD13	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG12	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG13	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG21	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG22	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG23	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:N	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:O	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:C	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CA	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CB	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CG	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:H	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HA	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HB2	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HB3	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:N	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:O	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:OD1	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:OD2	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:C	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CA	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CB	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CG1	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CG2	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:H	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HA	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HB	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG11	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG12	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG13	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG21	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG22	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG23	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:N	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:O	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:C	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CA	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CB	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CD1	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CD2	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CE1	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CE2	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CG	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CZ	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:H	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HA	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HB2	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HB3	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HD1	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HD2	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HE1	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HE2	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HZ	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:N	10	5.89
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:O	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:2:THR:C	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CA	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CB	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:2:THR:H	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HA	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HB	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:2:THR:N	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:2:THR:O	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:2:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:C	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:H	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:N	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:O	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:C	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:H	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:N	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:O	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:6:THR:C	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CA	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CB	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:6:THR:H	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HA	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HB	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG23	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:6:THR:N	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:6:THR:O	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:6:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:8:MET:C	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CA	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CB	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CE	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CG	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:8:MET:H	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HA	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HB2	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HB3	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE1	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE2	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE3	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HG2	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HG3	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:8:MET:N	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:8:MET:O	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:8:MET:SD	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:C	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:CA	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:H	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:HA2	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:HA3	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:N	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:O	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:C	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CA	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CB	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CD1	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CG1	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CG2	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:H	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HA	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HB	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD11	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD12	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD13	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG12	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG13	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG21	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG22	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG23	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:N	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:O	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:C	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CA	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CB	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CG	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:H	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HA	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HB2	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HB3	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:N	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:O	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:OD1	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:OD2	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:C	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CA	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CB	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CG1	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CG2	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:H	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HA	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HB	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG11	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG12	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG13	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG21	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG22	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG23	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:N	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:O	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:C	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CA	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CB	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CD1	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CD2	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CE1	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CE2	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CG	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CZ	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:H	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HA	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HB2	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HB3	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HD1	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HD2	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HE1	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HE2	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HZ	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:N	10	5.89
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:O	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:2:THR:C	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CA	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CB	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:2:THR:H	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HA	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HB	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:2:THR:N	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:2:THR:O	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:2:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:C	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:H	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:N	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:O	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:C	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CB	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:H	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:N	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:O	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:6:THR:C	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CA	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CB	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:6:THR:H	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HA	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HB	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:6:THR:N	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:6:THR:O	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:6:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:8:MET:C	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CA	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CB	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CE	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CG	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:8:MET:H	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HA	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HB2	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HB3	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE1	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE2	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE3	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HG2	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HG3	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:8:MET:N	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:8:MET:O	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:8:MET:SD	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:C	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:CA	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:H	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:HA2	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:HA3	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:N	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:O	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:C	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CA	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CB	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CD1	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CG1	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CG2	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:H	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HA	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HB	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD11	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD12	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD13	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG12	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG13	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG21	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG22	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG23	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:N	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:O	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:C	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CA	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CB	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CG	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:H	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HA	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HB2	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HB3	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:N	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:O	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:OD1	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:OD2	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:C	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CA	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CB	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CG1	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CG2	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:H	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HA	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HB	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG11	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG12	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG13	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG21	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG22	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG23	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:N	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:O	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:C	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CA	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CB	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CD1	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CD2	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CE1	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CE2	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CG	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CZ	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:H	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HA	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HB2	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HB3	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HD1	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HD2	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HE1	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HE2	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HZ	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:N	10	5.89
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:O	10	5.89
(1,31)	1:C:105:ASN:H	2:B:2:THR:C	10	5.89
(1,31)	1:C:105:ASN:H	2:B:2:THR:CA	10	5.89
(1,31)	1:C:105:ASN:H	2:B:2:THR:CB	10	5.89
(1,31)	1:C:105:ASN:H	2:B:2:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:H	2:B:2:THR:H	10	5.89
(1,31)	1:C:105:ASN:H	2:B:2:THR:HA	10	5.89
(1,31)	1:C:105:ASN:H	2:B:2:THR:HB	10	5.89
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG21	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:H	2:B:2:THR:N	10	5.89
(1,31)	1:C:105:ASN:H	2:B:2:THR:O	10	5.89
(1,31)	1:C:105:ASN:H	2:B:2:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:H	2:B:3:GLU:C	10	5.89
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:H	2:B:3:GLU:H	10	5.89
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:H	2:B:3:GLU:N	10	5.89
(1,31)	1:C:105:ASN:H	2:B:3:GLU:O	10	5.89
(1,31)	1:C:105:ASN:H	2:B:3:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:H	2:B:3:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:H	2:B:5:GLU:C	10	5.89
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:H	2:B:5:GLU:H	10	5.89
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:H	2:B:5:GLU:N	10	5.89
(1,31)	1:C:105:ASN:H	2:B:5:GLU:O	10	5.89
(1,31)	1:C:105:ASN:H	2:B:5:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:H	2:B:5:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:H	2:B:6:THR:C	10	5.89
(1,31)	1:C:105:ASN:H	2:B:6:THR:CA	10	5.89
(1,31)	1:C:105:ASN:H	2:B:6:THR:CB	10	5.89
(1,31)	1:C:105:ASN:H	2:B:6:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:H	2:B:6:THR:H	10	5.89
(1,31)	1:C:105:ASN:H	2:B:6:THR:HA	10	5.89
(1,31)	1:C:105:ASN:H	2:B:6:THR:HB	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:H	2:B:6:THR:N	10	5.89
(1,31)	1:C:105:ASN:H	2:B:6:THR:O	10	5.89
(1,31)	1:C:105:ASN:H	2:B:6:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:H	2:B:8:MET:C	10	5.89
(1,31)	1:C:105:ASN:H	2:B:8:MET:CA	10	5.89
(1,31)	1:C:105:ASN:H	2:B:8:MET:CB	10	5.89
(1,31)	1:C:105:ASN:H	2:B:8:MET:CE	10	5.89
(1,31)	1:C:105:ASN:H	2:B:8:MET:CG	10	5.89
(1,31)	1:C:105:ASN:H	2:B:8:MET:H	10	5.89
(1,31)	1:C:105:ASN:H	2:B:8:MET:HA	10	5.89
(1,31)	1:C:105:ASN:H	2:B:8:MET:HB2	10	5.89
(1,31)	1:C:105:ASN:H	2:B:8:MET:HB3	10	5.89
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE1	10	5.89
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE2	10	5.89
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE3	10	5.89
(1,31)	1:C:105:ASN:H	2:B:8:MET:HG2	10	5.89
(1,31)	1:C:105:ASN:H	2:B:8:MET:HG3	10	5.89
(1,31)	1:C:105:ASN:H	2:B:8:MET:N	10	5.89
(1,31)	1:C:105:ASN:H	2:B:8:MET:O	10	5.89
(1,31)	1:C:105:ASN:H	2:B:8:MET:SD	10	5.89
(1,31)	1:C:105:ASN:H	2:B:9:GLY:C	10	5.89
(1,31)	1:C:105:ASN:H	2:B:9:GLY:CA	10	5.89
(1,31)	1:C:105:ASN:H	2:B:9:GLY:H	10	5.89
(1,31)	1:C:105:ASN:H	2:B:9:GLY:HA2	10	5.89
(1,31)	1:C:105:ASN:H	2:B:9:GLY:HA3	10	5.89
(1,31)	1:C:105:ASN:H	2:B:9:GLY:N	10	5.89
(1,31)	1:C:105:ASN:H	2:B:9:GLY:O	10	5.89
(1,31)	1:C:105:ASN:H	2:B:12:ILE:C	10	5.89
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CA	10	5.89
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CB	10	5.89
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CD1	10	5.89
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CG1	10	5.89
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CG2	10	5.89
(1,31)	1:C:105:ASN:H	2:B:12:ILE:H	10	5.89
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HA	10	5.89
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HB	10	5.89
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD11	10	5.89
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD12	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD13	10	5.89
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG12	10	5.89
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG13	10	5.89
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG21	10	5.89
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG22	10	5.89
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG23	10	5.89
(1,31)	1:C:105:ASN:H	2:B:12:ILE:N	10	5.89
(1,31)	1:C:105:ASN:H	2:B:12:ILE:O	10	5.89
(1,31)	1:C:105:ASN:H	2:B:13:ASP:C	10	5.89
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CA	10	5.89
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CB	10	5.89
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CG	10	5.89
(1,31)	1:C:105:ASN:H	2:B:13:ASP:H	10	5.89
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HA	10	5.89
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HB2	10	5.89
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HB3	10	5.89
(1,31)	1:C:105:ASN:H	2:B:13:ASP:N	10	5.89
(1,31)	1:C:105:ASN:H	2:B:13:ASP:O	10	5.89
(1,31)	1:C:105:ASN:H	2:B:13:ASP:OD1	10	5.89
(1,31)	1:C:105:ASN:H	2:B:13:ASP:OD2	10	5.89
(1,31)	1:C:105:ASN:H	2:B:14:VAL:C	10	5.89
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CA	10	5.89
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CB	10	5.89
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CG1	10	5.89
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CG2	10	5.89
(1,31)	1:C:105:ASN:H	2:B:14:VAL:H	10	5.89
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HA	10	5.89
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HB	10	5.89
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG11	10	5.89
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG12	10	5.89
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG13	10	5.89
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG21	10	5.89
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG22	10	5.89
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG23	10	5.89
(1,31)	1:C:105:ASN:H	2:B:14:VAL:N	10	5.89
(1,31)	1:C:105:ASN:H	2:B:14:VAL:O	10	5.89
(1,31)	1:C:105:ASN:H	2:B:15:PHE:C	10	5.89
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CA	10	5.89
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CB	10	5.89
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CD1	10	5.89
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CD2	10	5.89
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CE1	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CE2	10	5.89
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CG	10	5.89
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CZ	10	5.89
(1,31)	1:C:105:ASN:H	2:B:15:PHE:H	10	5.89
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HA	10	5.89
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HB2	10	5.89
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HB3	10	5.89
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HD1	10	5.89
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HD2	10	5.89
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HE1	10	5.89
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HE2	10	5.89
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HZ	10	5.89
(1,31)	1:C:105:ASN:H	2:B:15:PHE:N	10	5.89
(1,31)	1:C:105:ASN:H	2:B:15:PHE:O	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:2:THR:C	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CA	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CB	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:2:THR:H	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HA	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HB	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:2:THR:N	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:2:THR:O	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:2:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:C	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:H	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:N	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:O	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:OE1	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:C	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:H	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:N	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:O	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:6:THR:C	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CA	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CB	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:6:THR:H	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HA	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HB	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:6:THR:N	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:6:THR:O	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:6:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:8:MET:C	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CA	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CB	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CE	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CG	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:8:MET:H	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HA	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HB2	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HB3	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE1	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE2	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE3	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HG2	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HG3	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:8:MET:N	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:8:MET:O	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:8:MET:SD	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:C	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:CA	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:H	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:HA2	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:HA3	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:N	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:O	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:C	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CA	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CB	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CD1	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CG1	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CG2	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:H	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HA	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HB	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD11	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD12	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD13	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG12	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG13	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG21	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG22	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG23	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:N	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:O	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:C	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CA	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CB	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CG	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:H	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HA	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HB2	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HB3	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:N	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:O	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:OD1	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:OD2	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:C	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CA	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CB	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CG1	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CG2	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:H	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HA	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HB	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG11	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG12	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG13	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG21	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG22	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG23	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:N	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:O	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:C	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CA	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CB	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CD1	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CD2	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CE1	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CE2	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CG	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CZ	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:H	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HA	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HB2	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HB3	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HD1	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HD2	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HE1	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HE2	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HZ	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:N	10	5.89
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:O	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:C	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CA	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CB	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:H	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HA	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HB	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:N	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:O	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:C	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:H	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:N	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:O	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:C	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:H	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:N	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:O	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:C	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CA	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CB	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:H	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HA	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HB	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:N	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:O	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:C	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CA	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CB	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CE	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CG	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:H	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HA	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HB2	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HB3	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE1	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE2	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE3	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HG2	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HG3	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:N	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:O	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:SD	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:C	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:CA	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:H	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:HA2	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:HA3	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:N	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:O	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:C	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CA	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CB	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CD1	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CG1	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CG2	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:H	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HA	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HB	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD11	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD12	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD13	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG12	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG13	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG21	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG22	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG23	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:N	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:O	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:C	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CA	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CB	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CG	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:H	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HA	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HB2	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HB3	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:N	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:O	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:OD1	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:OD2	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:C	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CA	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CB	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CG1	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CG2	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:H	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HA	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HB	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG11	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG12	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG13	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG21	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG22	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG23	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:N	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:O	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:C	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CA	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CB	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CD1	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CD2	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CE1	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CE2	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CG	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CZ	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:H	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HA	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HB2	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HB3	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HD1	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HD2	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HE1	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HE2	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HZ	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:N	10	5.89
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:O	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:C	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CA	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CB	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:H	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HA	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HB	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:N	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:O	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:C	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:H	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HG2	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:N	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:O	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:C	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:H	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:N	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:O	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:C	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CA	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CB	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:H	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HA	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HB	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:N	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:O	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:C	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CA	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CB	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CE	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CG	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:H	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HA	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HB2	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HB3	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE1	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE2	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE3	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HG2	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HG3	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:N	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:O	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:SD	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:C	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:CA	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:H	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:HA2	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:HA3	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:N	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:O	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:C	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CA	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CB	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CD1	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CG1	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CG2	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:H	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HA	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HB	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD11	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD12	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD13	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG12	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG13	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG21	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG22	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG23	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:N	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:O	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:C	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CA	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CB	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CG	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:H	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HA	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HB2	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HB3	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:N	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:O	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:OD1	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:OD2	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:C	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CA	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CB	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CG1	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CG2	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:H	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HA	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HB	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG11	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG12	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG13	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG21	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG22	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG23	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:N	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:O	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:C	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CA	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CB	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CD1	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CD2	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CE1	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CE2	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CG	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CZ	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:H	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HA	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HB2	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HB3	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HD1	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HD2	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HE1	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HE2	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HZ	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:N	10	5.89
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:O	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:C	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CA	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CB	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:H	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HA	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HB	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:N	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:O	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:C	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:H	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:N	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:O	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:C	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:H	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:N	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:O	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:OE1	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:C	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CA	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CB	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:H	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HA	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HB	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:N	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:O	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:C	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CA	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CB	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CE	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CG	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:H	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HA	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HB2	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HB3	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE1	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE2	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE3	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HG2	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HG3	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:N	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:O	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:SD	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:C	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:CA	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:H	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:HA2	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:HA3	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:N	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:O	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:C	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CA	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CB	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CD1	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CG1	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CG2	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:H	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HA	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HB	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD11	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD12	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD13	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG12	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG13	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG21	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG22	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG23	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:N	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:O	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:C	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CA	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CB	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CG	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:H	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HA	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HB2	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HB3	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:N	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:O	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:OD1	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:OD2	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:C	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CA	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CB	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CG1	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CG2	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:H	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HA	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HB	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG11	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG12	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG13	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG21	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG22	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG23	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:N	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:O	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:C	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CA	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CB	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CD1	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CD2	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CE1	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CE2	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CG	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CZ	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:H	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HA	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HB2	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HB3	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HD1	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HD2	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HE1	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HE2	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HZ	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:N	10	5.89
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:O	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:C	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CA	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CB	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:H	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HA	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HB	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:N	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:O	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:C	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:H	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:N	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:O	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:C	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:H	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:N	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:O	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:C	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CA	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CB	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:H	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HA	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HB	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:N	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:O	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:C	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CA	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CB	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CE	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CG	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:H	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HA	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HB2	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HB3	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE1	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE2	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE3	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HG2	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HG3	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:N	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:O	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:SD	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:C	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:CA	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:H	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:HA2	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:HA3	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:N	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:O	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:C	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CA	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CB	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CD1	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CG1	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CG2	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:H	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HA	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HB	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD11	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD12	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD13	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG12	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG13	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG21	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG22	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG23	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:N	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:O	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:C	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CA	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CB	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CG	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:H	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HA	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HB2	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HB3	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:N	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:O	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:OD1	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:OD2	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:C	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CA	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CB	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CG1	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CG2	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:H	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HA	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HB	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG11	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG12	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG13	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG21	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG22	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG23	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:N	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:O	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:C	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CA	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CB	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CD1	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CD2	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CE1	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CE2	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CG	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CZ	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:H	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HA	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HB2	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HB3	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HD1	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HD2	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HE1	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HE2	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HZ	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:N	10	5.89
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:O	10	5.89
(1,31)	1:C:105:ASN:N	2:B:2:THR:C	10	5.89
(1,31)	1:C:105:ASN:N	2:B:2:THR:CA	10	5.89
(1,31)	1:C:105:ASN:N	2:B:2:THR:CB	10	5.89
(1,31)	1:C:105:ASN:N	2:B:2:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:N	2:B:2:THR:H	10	5.89
(1,31)	1:C:105:ASN:N	2:B:2:THR:HA	10	5.89
(1,31)	1:C:105:ASN:N	2:B:2:THR:HB	10	5.89
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:N	2:B:2:THR:N	10	5.89
(1,31)	1:C:105:ASN:N	2:B:2:THR:O	10	5.89
(1,31)	1:C:105:ASN:N	2:B:2:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:N	2:B:3:GLU:C	10	5.89
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:N	2:B:3:GLU:H	10	5.89
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:N	2:B:3:GLU:N	10	5.89
(1,31)	1:C:105:ASN:N	2:B:3:GLU:O	10	5.89
(1,31)	1:C:105:ASN:N	2:B:3:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:N	2:B:3:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:N	2:B:5:GLU:C	10	5.89
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:N	2:B:5:GLU:H	10	5.89
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HG2	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:N	2:B:5:GLU:N	10	5.89
(1,31)	1:C:105:ASN:N	2:B:5:GLU:O	10	5.89
(1,31)	1:C:105:ASN:N	2:B:5:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:N	2:B:5:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:N	2:B:6:THR:C	10	5.89
(1,31)	1:C:105:ASN:N	2:B:6:THR:CA	10	5.89
(1,31)	1:C:105:ASN:N	2:B:6:THR:CB	10	5.89
(1,31)	1:C:105:ASN:N	2:B:6:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:N	2:B:6:THR:H	10	5.89
(1,31)	1:C:105:ASN:N	2:B:6:THR:HA	10	5.89
(1,31)	1:C:105:ASN:N	2:B:6:THR:HB	10	5.89
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:N	2:B:6:THR:N	10	5.89
(1,31)	1:C:105:ASN:N	2:B:6:THR:O	10	5.89
(1,31)	1:C:105:ASN:N	2:B:6:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:N	2:B:8:MET:C	10	5.89
(1,31)	1:C:105:ASN:N	2:B:8:MET:CA	10	5.89
(1,31)	1:C:105:ASN:N	2:B:8:MET:CB	10	5.89
(1,31)	1:C:105:ASN:N	2:B:8:MET:CE	10	5.89
(1,31)	1:C:105:ASN:N	2:B:8:MET:CG	10	5.89
(1,31)	1:C:105:ASN:N	2:B:8:MET:H	10	5.89
(1,31)	1:C:105:ASN:N	2:B:8:MET:HA	10	5.89
(1,31)	1:C:105:ASN:N	2:B:8:MET:HB2	10	5.89
(1,31)	1:C:105:ASN:N	2:B:8:MET:HB3	10	5.89
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE1	10	5.89
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE2	10	5.89
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE3	10	5.89
(1,31)	1:C:105:ASN:N	2:B:8:MET:HG2	10	5.89
(1,31)	1:C:105:ASN:N	2:B:8:MET:HG3	10	5.89
(1,31)	1:C:105:ASN:N	2:B:8:MET:N	10	5.89
(1,31)	1:C:105:ASN:N	2:B:8:MET:O	10	5.89
(1,31)	1:C:105:ASN:N	2:B:8:MET:SD	10	5.89
(1,31)	1:C:105:ASN:N	2:B:9:GLY:C	10	5.89
(1,31)	1:C:105:ASN:N	2:B:9:GLY:CA	10	5.89
(1,31)	1:C:105:ASN:N	2:B:9:GLY:H	10	5.89
(1,31)	1:C:105:ASN:N	2:B:9:GLY:HA2	10	5.89
(1,31)	1:C:105:ASN:N	2:B:9:GLY:HA3	10	5.89
(1,31)	1:C:105:ASN:N	2:B:9:GLY:N	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:9:GLY:O	10	5.89
(1,31)	1:C:105:ASN:N	2:B:12:ILE:C	10	5.89
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CA	10	5.89
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CB	10	5.89
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CD1	10	5.89
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CG1	10	5.89
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CG2	10	5.89
(1,31)	1:C:105:ASN:N	2:B:12:ILE:H	10	5.89
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HA	10	5.89
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HB	10	5.89
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD11	10	5.89
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD12	10	5.89
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD13	10	5.89
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG12	10	5.89
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG13	10	5.89
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG21	10	5.89
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG22	10	5.89
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG23	10	5.89
(1,31)	1:C:105:ASN:N	2:B:12:ILE:N	10	5.89
(1,31)	1:C:105:ASN:N	2:B:12:ILE:O	10	5.89
(1,31)	1:C:105:ASN:N	2:B:13:ASP:C	10	5.89
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CA	10	5.89
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CB	10	5.89
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CG	10	5.89
(1,31)	1:C:105:ASN:N	2:B:13:ASP:H	10	5.89
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HA	10	5.89
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HB2	10	5.89
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HB3	10	5.89
(1,31)	1:C:105:ASN:N	2:B:13:ASP:N	10	5.89
(1,31)	1:C:105:ASN:N	2:B:13:ASP:O	10	5.89
(1,31)	1:C:105:ASN:N	2:B:13:ASP:OD1	10	5.89
(1,31)	1:C:105:ASN:N	2:B:13:ASP:OD2	10	5.89
(1,31)	1:C:105:ASN:N	2:B:14:VAL:C	10	5.89
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CA	10	5.89
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CB	10	5.89
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CG1	10	5.89
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CG2	10	5.89
(1,31)	1:C:105:ASN:N	2:B:14:VAL:H	10	5.89
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HA	10	5.89
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HB	10	5.89
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG11	10	5.89
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG12	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG13	10	5.89
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG21	10	5.89
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG22	10	5.89
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG23	10	5.89
(1,31)	1:C:105:ASN:N	2:B:14:VAL:N	10	5.89
(1,31)	1:C:105:ASN:N	2:B:14:VAL:O	10	5.89
(1,31)	1:C:105:ASN:N	2:B:15:PHE:C	10	5.89
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CA	10	5.89
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CB	10	5.89
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CD1	10	5.89
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CD2	10	5.89
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CE1	10	5.89
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CE2	10	5.89
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CG	10	5.89
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CZ	10	5.89
(1,31)	1:C:105:ASN:N	2:B:15:PHE:H	10	5.89
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HA	10	5.89
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HB2	10	5.89
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HB3	10	5.89
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HD1	10	5.89
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HD2	10	5.89
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HE1	10	5.89
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HE2	10	5.89
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HZ	10	5.89
(1,31)	1:C:105:ASN:N	2:B:15:PHE:N	10	5.89
(1,31)	1:C:105:ASN:N	2:B:15:PHE:O	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:C	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CA	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CB	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:H	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HA	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HB	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:N	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:O	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:C	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CA	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:H	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:N	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:O	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:C	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:H	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:N	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:O	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:C	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CA	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CB	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:H	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HA	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HB	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:N	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:O	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:OG1	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:C	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CA	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CB	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CE	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CG	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:H	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HA	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HB2	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HB3	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE1	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE2	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE3	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HG2	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HG3	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:N	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:O	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:SD	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:C	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:CA	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:H	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:HA2	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:HA3	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:N	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:O	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:C	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CA	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CB	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CD1	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CG1	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CG2	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:H	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HA	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HB	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD11	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD12	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD13	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG12	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG13	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG21	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG22	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG23	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:N	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:O	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:C	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CA	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CB	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CG	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:H	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HA	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HB2	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HB3	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:N	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:O	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:OD1	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:OD2	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:C	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CA	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CB	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CG1	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CG2	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:H	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HA	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HB	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG11	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG12	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG13	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG21	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG22	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG23	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:N	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:O	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:C	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CA	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CB	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CD1	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CD2	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CE1	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CE2	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CG	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CZ	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:H	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HA	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HB2	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HB3	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HD1	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HD2	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HE1	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HE2	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HZ	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:N	10	5.89
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:O	10	5.89
(1,31)	1:C:105:ASN:O	2:B:2:THR:C	10	5.89
(1,31)	1:C:105:ASN:O	2:B:2:THR:CA	10	5.89
(1,31)	1:C:105:ASN:O	2:B:2:THR:CB	10	5.89
(1,31)	1:C:105:ASN:O	2:B:2:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:O	2:B:2:THR:H	10	5.89
(1,31)	1:C:105:ASN:O	2:B:2:THR:HA	10	5.89
(1,31)	1:C:105:ASN:O	2:B:2:THR:HB	10	5.89
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:O	2:B:2:THR:N	10	5.89
(1,31)	1:C:105:ASN:O	2:B:2:THR:O	10	5.89
(1,31)	1:C:105:ASN:O	2:B:2:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:O	2:B:3:GLU:C	10	5.89
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:O	2:B:3:GLU:H	10	5.89
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:O	2:B:3:GLU:N	10	5.89
(1,31)	1:C:105:ASN:O	2:B:3:GLU:O	10	5.89
(1,31)	1:C:105:ASN:O	2:B:3:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:O	2:B:3:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:O	2:B:5:GLU:C	10	5.89
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:O	2:B:5:GLU:H	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:O	2:B:5:GLU:N	10	5.89
(1,31)	1:C:105:ASN:O	2:B:5:GLU:O	10	5.89
(1,31)	1:C:105:ASN:O	2:B:5:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:O	2:B:5:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:O	2:B:6:THR:C	10	5.89
(1,31)	1:C:105:ASN:O	2:B:6:THR:CA	10	5.89
(1,31)	1:C:105:ASN:O	2:B:6:THR:CB	10	5.89
(1,31)	1:C:105:ASN:O	2:B:6:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:O	2:B:6:THR:H	10	5.89
(1,31)	1:C:105:ASN:O	2:B:6:THR:HA	10	5.89
(1,31)	1:C:105:ASN:O	2:B:6:THR:HB	10	5.89
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:O	2:B:6:THR:N	10	5.89
(1,31)	1:C:105:ASN:O	2:B:6:THR:O	10	5.89
(1,31)	1:C:105:ASN:O	2:B:6:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:O	2:B:8:MET:C	10	5.89
(1,31)	1:C:105:ASN:O	2:B:8:MET:CA	10	5.89
(1,31)	1:C:105:ASN:O	2:B:8:MET:CB	10	5.89
(1,31)	1:C:105:ASN:O	2:B:8:MET:CE	10	5.89
(1,31)	1:C:105:ASN:O	2:B:8:MET:CG	10	5.89
(1,31)	1:C:105:ASN:O	2:B:8:MET:H	10	5.89
(1,31)	1:C:105:ASN:O	2:B:8:MET:HA	10	5.89
(1,31)	1:C:105:ASN:O	2:B:8:MET:HB2	10	5.89
(1,31)	1:C:105:ASN:O	2:B:8:MET:HB3	10	5.89
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE1	10	5.89
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE2	10	5.89
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE3	10	5.89
(1,31)	1:C:105:ASN:O	2:B:8:MET:HG2	10	5.89
(1,31)	1:C:105:ASN:O	2:B:8:MET:HG3	10	5.89
(1,31)	1:C:105:ASN:O	2:B:8:MET:N	10	5.89
(1,31)	1:C:105:ASN:O	2:B:8:MET:O	10	5.89
(1,31)	1:C:105:ASN:O	2:B:8:MET:SD	10	5.89
(1,31)	1:C:105:ASN:O	2:B:9:GLY:C	10	5.89
(1,31)	1:C:105:ASN:O	2:B:9:GLY:CA	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:9:GLY:H	10	5.89
(1,31)	1:C:105:ASN:O	2:B:9:GLY:HA2	10	5.89
(1,31)	1:C:105:ASN:O	2:B:9:GLY:HA3	10	5.89
(1,31)	1:C:105:ASN:O	2:B:9:GLY:N	10	5.89
(1,31)	1:C:105:ASN:O	2:B:9:GLY:O	10	5.89
(1,31)	1:C:105:ASN:O	2:B:12:ILE:C	10	5.89
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CA	10	5.89
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CB	10	5.89
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CD1	10	5.89
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CG1	10	5.89
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CG2	10	5.89
(1,31)	1:C:105:ASN:O	2:B:12:ILE:H	10	5.89
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HA	10	5.89
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HB	10	5.89
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD11	10	5.89
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD12	10	5.89
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD13	10	5.89
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG12	10	5.89
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG13	10	5.89
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG21	10	5.89
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG22	10	5.89
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG23	10	5.89
(1,31)	1:C:105:ASN:O	2:B:12:ILE:N	10	5.89
(1,31)	1:C:105:ASN:O	2:B:12:ILE:O	10	5.89
(1,31)	1:C:105:ASN:O	2:B:13:ASP:C	10	5.89
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CA	10	5.89
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CB	10	5.89
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CG	10	5.89
(1,31)	1:C:105:ASN:O	2:B:13:ASP:H	10	5.89
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HA	10	5.89
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HB2	10	5.89
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HB3	10	5.89
(1,31)	1:C:105:ASN:O	2:B:13:ASP:N	10	5.89
(1,31)	1:C:105:ASN:O	2:B:13:ASP:O	10	5.89
(1,31)	1:C:105:ASN:O	2:B:13:ASP:OD1	10	5.89
(1,31)	1:C:105:ASN:O	2:B:13:ASP:OD2	10	5.89
(1,31)	1:C:105:ASN:O	2:B:14:VAL:C	10	5.89
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CA	10	5.89
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CB	10	5.89
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CG1	10	5.89
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CG2	10	5.89
(1,31)	1:C:105:ASN:O	2:B:14:VAL:H	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HA	10	5.89
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HB	10	5.89
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG11	10	5.89
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG12	10	5.89
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG13	10	5.89
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG21	10	5.89
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG22	10	5.89
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG23	10	5.89
(1,31)	1:C:105:ASN:O	2:B:14:VAL:N	10	5.89
(1,31)	1:C:105:ASN:O	2:B:14:VAL:O	10	5.89
(1,31)	1:C:105:ASN:O	2:B:15:PHE:C	10	5.89
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CA	10	5.89
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CB	10	5.89
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CD1	10	5.89
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CD2	10	5.89
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CE1	10	5.89
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CE2	10	5.89
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CG	10	5.89
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CZ	10	5.89
(1,31)	1:C:105:ASN:O	2:B:15:PHE:H	10	5.89
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HA	10	5.89
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HB2	10	5.89
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HB3	10	5.89
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HD1	10	5.89
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HD2	10	5.89
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HE1	10	5.89
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HE2	10	5.89
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HZ	10	5.89
(1,31)	1:C:105:ASN:O	2:B:15:PHE:N	10	5.89
(1,31)	1:C:105:ASN:O	2:B:15:PHE:O	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:C	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CA	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CB	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:H	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HA	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HB	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG22	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:N	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:O	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:C	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:H	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:N	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:O	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:C	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CA	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CB	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CD	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CG	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:H	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HA	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HB2	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HB3	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HG2	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HG3	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:N	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:O	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:OE1	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:OE2	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:C	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CA	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CB	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CG2	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:H	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HA	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HB	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG1	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG21	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG22	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG23	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:N	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:O	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:OG1	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:C	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CA	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CB	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CE	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CG	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:H	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HA	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HB2	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HB3	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE1	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE2	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE3	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HG2	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HG3	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:N	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:O	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:SD	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:C	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:CA	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:H	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:HA2	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:HA3	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:N	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:O	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:C	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CA	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CB	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CD1	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CG1	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CG2	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:H	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HA	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HB	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD11	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD12	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD13	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG12	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG13	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG21	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG22	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG23	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:N	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:O	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:C	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CA	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CB	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CG	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:H	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HA	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HB2	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HB3	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:N	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:O	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:OD1	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:OD2	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:C	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CA	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CB	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CG1	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CG2	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:H	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HA	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HB	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG11	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG12	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG13	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG21	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG22	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG23	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:N	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:O	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:C	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CA	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CB	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CD1	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CD2	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CE1	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CE2	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CG	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CZ	10	5.89

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:H	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HA	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HB2	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HB3	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HD1	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HD2	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HE1	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HE2	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HZ	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:N	10	5.89
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:O	10	5.89
(1,31)	1:C:105:ASN:C	2:B:2:THR:C	3	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:CA	3	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:CB	3	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:H	3	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:HA	3	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:HB	3	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:N	3	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:O	3	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:C	3	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:H	3	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:N	3	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:O	3	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:C	3	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CA	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:H	3	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:N	3	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:O	3	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:C	3	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:CA	3	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:CB	3	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:H	3	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:HA	3	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:HB	3	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:N	3	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:O	3	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:C	3	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:CA	3	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:CB	3	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:CE	3	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:CG	3	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:H	3	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:HA	3	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:HB2	3	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:HB3	3	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE1	3	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE2	3	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE3	3	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:HG2	3	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:HG3	3	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:N	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:8:MET:O	3	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:SD	3	5.79
(1,31)	1:C:105:ASN:C	2:B:9:GLY:C	3	5.79
(1,31)	1:C:105:ASN:C	2:B:9:GLY:CA	3	5.79
(1,31)	1:C:105:ASN:C	2:B:9:GLY:H	3	5.79
(1,31)	1:C:105:ASN:C	2:B:9:GLY:HA2	3	5.79
(1,31)	1:C:105:ASN:C	2:B:9:GLY:HA3	3	5.79
(1,31)	1:C:105:ASN:C	2:B:9:GLY:N	3	5.79
(1,31)	1:C:105:ASN:C	2:B:9:GLY:O	3	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:C	3	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CA	3	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CB	3	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CD1	3	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CG1	3	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CG2	3	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:H	3	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HA	3	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HB	3	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD11	3	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD12	3	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD13	3	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG12	3	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG13	3	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG21	3	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG22	3	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG23	3	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:N	3	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:O	3	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:C	3	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CA	3	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CB	3	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CG	3	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:H	3	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HA	3	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HB2	3	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HB3	3	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:N	3	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:O	3	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:OD1	3	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:OD2	3	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:C	3	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CA	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CB	3	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CG1	3	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CG2	3	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:H	3	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HA	3	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HB	3	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG11	3	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG12	3	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG13	3	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG21	3	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG22	3	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG23	3	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:N	3	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:O	3	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:C	3	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CA	3	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CB	3	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CD1	3	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CD2	3	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CE1	3	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CE2	3	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CG	3	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CZ	3	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:H	3	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HA	3	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HB2	3	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HB3	3	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HD1	3	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HD2	3	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HE1	3	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HE2	3	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HZ	3	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:N	3	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:O	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:C	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CA	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CB	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:H	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HA	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HB	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG1	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:N	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:O	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:C	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:H	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:N	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:O	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:C	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:H	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:N	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:O	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:C	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CA	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CB	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:H	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HA	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HB	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:N	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:O	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:C	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CA	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CB	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CE	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CG	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:H	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HA	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HB2	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HB3	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE1	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE2	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE3	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HG2	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HG3	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:N	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:O	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:SD	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:C	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:CA	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:H	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:HA2	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:HA3	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:N	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:O	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:C	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CA	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CB	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CD1	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CG1	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CG2	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:H	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HA	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HB	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD11	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD12	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD13	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG12	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG13	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG21	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG22	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG23	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:N	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:O	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:C	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CA	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CB	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CG	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:H	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HA	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HB2	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HB3	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:N	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:O	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:OD1	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:OD2	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:C	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CA	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CB	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CG1	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CG2	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:H	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HA	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HB	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG11	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG12	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG13	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG21	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG22	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG23	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:N	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:O	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:C	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CA	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CB	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CD1	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CD2	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CE1	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CE2	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CG	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CZ	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:H	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HA	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HB2	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HB3	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HD1	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HD2	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HE1	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HE2	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HZ	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:N	3	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:O	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:C	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CA	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CB	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:H	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HA	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HB	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:N	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:O	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:C	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:H	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:N	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:O	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:C	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:H	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:N	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:O	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:C	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CA	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CB	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:H	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HA	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HB	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:N	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:O	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:C	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CA	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CB	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CE	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CG	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:H	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HA	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HB2	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HB3	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE1	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE2	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE3	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HG2	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HG3	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:N	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:O	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:SD	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:C	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:CA	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:H	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:HA2	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:HA3	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:N	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:O	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:C	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CA	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CB	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CD1	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CG1	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CG2	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:H	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HA	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HB	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD11	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD12	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD13	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG12	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG13	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG21	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG22	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG23	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:N	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:O	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:C	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CA	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CB	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CG	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:H	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HA	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HB2	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HB3	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:N	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:O	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:OD1	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:OD2	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:C	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CA	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CB	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CG1	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CG2	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:H	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HA	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HB	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG11	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG12	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG13	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG21	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG22	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG23	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:N	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:O	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:C	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CA	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CB	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CD1	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CD2	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CE1	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CE2	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CG	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CZ	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:H	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HA	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HB2	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HB3	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HD1	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HD2	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HE1	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HE2	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HZ	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:N	3	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:O	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:C	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CA	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CB	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CG2	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:2:THR:H	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HA	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HB	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:N	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:O	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:C	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:H	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:N	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:O	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:C	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:H	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:N	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:O	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:C	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CA	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CB	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:H	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HA	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HB	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:N	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:O	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:C	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CA	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CB	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CE	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CG	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:H	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HA	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HB2	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HB3	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE1	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE2	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE3	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HG2	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HG3	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:N	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:O	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:SD	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:C	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:CA	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:H	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:HA2	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:HA3	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:N	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:O	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:C	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CA	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CB	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CD1	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CG1	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CG2	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:H	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HA	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HB	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD11	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD12	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD13	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG12	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG13	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG21	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG22	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG23	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:N	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:O	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:C	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CA	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CB	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CG	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:H	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HA	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HB2	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HB3	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:N	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:O	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:OD1	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:OD2	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:C	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CA	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CB	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CG1	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CG2	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:H	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HA	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HB	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG11	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG12	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG13	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG21	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG22	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG23	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:N	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:O	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:C	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CA	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CB	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CD1	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CD2	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CE1	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CE2	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CG	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CZ	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:H	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HA	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HB2	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HB3	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HD1	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HD2	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HE1	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HE2	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HZ	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:N	3	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:O	3	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:C	3	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:CA	3	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:CB	3	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:H	3	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:HA	3	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:HB	3	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:N	3	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:O	3	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:C	3	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:H	3	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HB3	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:N	3	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:O	3	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:C	3	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:H	3	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:N	3	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:O	3	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:C	3	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:CA	3	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:CB	3	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:H	3	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:HA	3	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:HB	3	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:N	3	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:O	3	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:C	3	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:CA	3	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:CB	3	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:CE	3	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:CG	3	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:H	3	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:HA	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:8:MET:HB2	3	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:HB3	3	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE1	3	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE2	3	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE3	3	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:HG2	3	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:HG3	3	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:N	3	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:O	3	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:SD	3	5.79
(1,31)	1:C:105:ASN:H	2:B:9:GLY:C	3	5.79
(1,31)	1:C:105:ASN:H	2:B:9:GLY:CA	3	5.79
(1,31)	1:C:105:ASN:H	2:B:9:GLY:H	3	5.79
(1,31)	1:C:105:ASN:H	2:B:9:GLY:HA2	3	5.79
(1,31)	1:C:105:ASN:H	2:B:9:GLY:HA3	3	5.79
(1,31)	1:C:105:ASN:H	2:B:9:GLY:N	3	5.79
(1,31)	1:C:105:ASN:H	2:B:9:GLY:O	3	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:C	3	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CA	3	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CB	3	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CD1	3	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CG1	3	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CG2	3	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:H	3	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HA	3	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HB	3	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD11	3	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD12	3	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD13	3	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG12	3	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG13	3	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG21	3	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG22	3	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG23	3	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:N	3	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:O	3	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:C	3	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CA	3	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CB	3	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CG	3	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:H	3	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HA	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HB2	3	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HB3	3	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:N	3	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:O	3	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:OD1	3	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:OD2	3	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:C	3	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CA	3	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CB	3	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CG1	3	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CG2	3	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:H	3	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HA	3	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HB	3	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG11	3	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG12	3	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG13	3	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG21	3	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG22	3	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG23	3	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:N	3	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:O	3	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:C	3	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CA	3	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CB	3	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CD1	3	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CD2	3	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CE1	3	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CE2	3	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CG	3	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CZ	3	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:H	3	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HA	3	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HB2	3	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HB3	3	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HD1	3	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HD2	3	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HE1	3	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HE2	3	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HZ	3	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:N	3	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:O	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:2:THR:C	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CA	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CB	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:H	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HA	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HB	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:N	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:O	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:C	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:H	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:N	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:O	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:C	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:H	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:N	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:O	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:C	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CA	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CB	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:H	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HA	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HB	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:N	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:O	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:C	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CA	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CB	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CE	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CG	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:H	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HA	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HB2	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HB3	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE1	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE2	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE3	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HG2	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HG3	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:N	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:O	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:SD	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:C	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:CA	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:H	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:HA2	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:HA3	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:N	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:O	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:C	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CA	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CB	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CD1	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CG1	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CG2	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:H	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HA	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HB	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD11	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD12	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD13	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG12	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG13	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG21	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG22	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG23	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:N	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:O	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:C	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CA	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CB	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CG	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:H	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HA	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HB2	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HB3	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:N	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:O	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:OD1	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:OD2	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:C	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CA	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CB	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CG1	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CG2	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:H	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HA	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HB	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG11	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG12	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG13	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG21	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG22	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG23	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:N	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:O	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:C	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CA	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CB	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CD1	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CD2	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CE1	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CE2	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CG	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CZ	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:H	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HA	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HB2	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HB3	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HD1	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HD2	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HE1	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HE2	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HZ	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:N	3	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:O	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:C	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CA	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CB	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:H	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HA	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HB	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:N	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:O	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:C	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CG	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:H	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:N	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:O	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:C	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:H	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:N	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:O	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:C	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CA	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CB	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:H	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HA	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HB	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:N	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:O	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:C	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CA	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CB	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CE	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CG	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:H	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HA	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HB2	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HB3	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE1	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE2	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE3	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HG2	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HG3	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:N	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:O	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:SD	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:C	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:CA	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:H	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:HA2	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:HA3	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:N	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:O	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:C	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CA	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CB	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CD1	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CG1	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CG2	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:H	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HA	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HB	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD11	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD12	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD13	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG12	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG13	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG21	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG22	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG23	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:N	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:O	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:C	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CA	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CB	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CG	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:H	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HA	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HB2	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HB3	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:N	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:O	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:OD1	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:OD2	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:C	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CA	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CB	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CG1	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CG2	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:H	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HA	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HB	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG11	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG12	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG13	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG21	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG22	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG23	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:N	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:O	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:C	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CA	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CB	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CD1	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CD2	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CE1	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CE2	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CG	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CZ	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:H	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HA	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HB2	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HB3	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HD1	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HD2	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HE1	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HE2	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HZ	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:N	3	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:O	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:C	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CA	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CB	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:H	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HA	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HB	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:N	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:O	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:C	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:H	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:N	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:O	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:C	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:H	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HB3	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:N	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:O	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:C	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CA	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CB	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:H	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HA	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HB	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:N	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:O	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:C	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CA	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CB	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CE	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CG	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:H	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HA	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HB2	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HB3	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE1	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE2	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE3	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HG2	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HG3	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:N	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:O	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:SD	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:C	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:CA	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:H	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:HA2	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:HA3	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:N	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:O	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:C	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CA	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CB	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CD1	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CG1	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CG2	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:H	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HA	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HB	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD11	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD12	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD13	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG12	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG13	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG21	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG22	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG23	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:N	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:O	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:C	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CA	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CB	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CG	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:H	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HA	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HB2	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HB3	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:N	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:O	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:OD1	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:OD2	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:C	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CA	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CB	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CG1	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CG2	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:H	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HA	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HB	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG11	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG12	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG13	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG21	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG22	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG23	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:N	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:O	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:C	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CA	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CB	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CD1	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CD2	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CE1	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CE2	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CG	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CZ	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:H	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HA	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HB2	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HB3	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HD1	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HD2	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HE1	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HE2	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HZ	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:N	3	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:O	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:C	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CA	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CB	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:H	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HA	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HB	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:N	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:O	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:C	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:H	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:N	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:O	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:C	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:H	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:N	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:O	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:C	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CA	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CB	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:H	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HA	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HB	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:N	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:O	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:C	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CA	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CB	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CE	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CG	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:H	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HA	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HB2	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HB3	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE1	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE2	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE3	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HG2	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HG3	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:N	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:O	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:SD	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:C	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:CA	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:H	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:HA2	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:HA3	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:N	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:O	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:C	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CA	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CB	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CD1	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CG1	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CG2	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:H	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HA	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HB	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD11	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD12	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD13	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG12	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG13	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG21	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG22	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG23	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:N	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:O	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:C	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CA	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CB	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CG	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:H	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HA	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HB2	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HB3	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:N	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:O	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:OD1	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:OD2	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:C	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CA	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CB	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CG1	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CG2	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:H	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HA	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HB	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG11	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG12	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG13	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG21	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG22	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG23	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:N	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:O	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:C	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CA	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CB	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CD1	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CD2	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CE1	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CE2	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CG	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CZ	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:H	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HA	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HB2	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HB3	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HD1	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HD2	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HE1	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HE2	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HZ	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:N	3	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:O	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:C	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CA	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CB	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:H	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HA	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HB	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:N	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:O	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:C	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:H	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:N	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:O	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:C	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CG	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:H	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:N	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:O	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:C	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CA	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CB	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:H	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HA	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HB	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:N	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:O	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:C	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CA	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CB	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CE	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CG	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:H	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HA	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HB2	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HB3	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE1	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE2	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE3	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HG2	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HG3	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:N	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:O	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:SD	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:C	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:CA	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:H	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:HA2	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:HA3	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:N	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:O	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:C	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CA	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CB	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CD1	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CG1	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CG2	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:H	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HA	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HB	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD11	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD12	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD13	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG12	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG13	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG21	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG22	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG23	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:N	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:O	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:C	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CA	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CB	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CG	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:H	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HA	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HB2	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HB3	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:N	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:O	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:OD1	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:OD2	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:C	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CA	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CB	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CG1	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CG2	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:H	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HA	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HB	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG11	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG12	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG13	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG21	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG22	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG23	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:N	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:O	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:C	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CA	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CB	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CD1	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CD2	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CE1	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CE2	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CG	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CZ	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:H	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HA	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HB2	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HB3	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HD1	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HD2	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HE1	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HE2	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HZ	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:N	3	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:O	3	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:C	3	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:CA	3	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:CB	3	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:H	3	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:HA	3	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:HB	3	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG23	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:2:THR:N	3	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:O	3	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:C	3	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:H	3	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:N	3	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:O	3	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:C	3	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:H	3	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:N	3	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:O	3	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:C	3	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:CA	3	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:CB	3	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:H	3	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:HA	3	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:HB	3	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG21	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:N	3	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:O	3	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:C	3	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:CA	3	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:CB	3	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:CE	3	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:CG	3	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:H	3	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:HA	3	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:HB2	3	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:HB3	3	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE1	3	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE2	3	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE3	3	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:HG2	3	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:HG3	3	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:N	3	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:O	3	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:SD	3	5.79
(1,31)	1:C:105:ASN:N	2:B:9:GLY:C	3	5.79
(1,31)	1:C:105:ASN:N	2:B:9:GLY:CA	3	5.79
(1,31)	1:C:105:ASN:N	2:B:9:GLY:H	3	5.79
(1,31)	1:C:105:ASN:N	2:B:9:GLY:HA2	3	5.79
(1,31)	1:C:105:ASN:N	2:B:9:GLY:HA3	3	5.79
(1,31)	1:C:105:ASN:N	2:B:9:GLY:N	3	5.79
(1,31)	1:C:105:ASN:N	2:B:9:GLY:O	3	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:C	3	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CA	3	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CB	3	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CD1	3	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CG1	3	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CG2	3	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:H	3	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HA	3	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HB	3	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD11	3	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD12	3	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD13	3	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG12	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG13	3	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG21	3	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG22	3	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG23	3	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:N	3	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:O	3	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:C	3	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CA	3	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CB	3	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CG	3	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:H	3	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HA	3	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HB2	3	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HB3	3	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:N	3	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:O	3	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:OD1	3	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:OD2	3	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:C	3	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CA	3	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CB	3	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CG1	3	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CG2	3	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:H	3	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HA	3	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HB	3	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG11	3	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG12	3	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG13	3	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG21	3	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG22	3	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG23	3	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:N	3	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:O	3	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:C	3	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CA	3	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CB	3	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CD1	3	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CD2	3	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CE1	3	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CE2	3	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CG	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CZ	3	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:H	3	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HA	3	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HB2	3	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HB3	3	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HD1	3	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HD2	3	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HE1	3	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HE2	3	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HZ	3	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:N	3	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:O	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:C	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CA	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CB	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:H	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HA	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HB	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:N	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:O	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:C	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:H	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:N	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:O	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:C	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:H	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:N	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:O	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:C	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CA	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CB	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:H	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HA	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HB	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:N	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:O	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:C	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CA	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CB	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CE	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CG	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:H	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HA	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HB2	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HB3	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE1	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE2	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE3	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HG2	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HG3	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:N	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:O	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:SD	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:C	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:CA	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:H	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:HA2	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:HA3	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:N	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:O	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:C	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CA	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CB	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CD1	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CG1	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CG2	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:H	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HA	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HB	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD11	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD12	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD13	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG12	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG13	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG21	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG22	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG23	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:N	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:O	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:C	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CA	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CB	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CG	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:H	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HA	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HB2	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HB3	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:N	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:O	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:OD1	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:OD2	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:C	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CA	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CB	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CG1	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CG2	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:H	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HA	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HB	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG11	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG12	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG13	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG21	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG22	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG23	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:N	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:O	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:C	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CA	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CB	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CD1	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CD2	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CE1	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CE2	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CG	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CZ	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:H	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HA	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HB2	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HB3	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HD1	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HD2	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HE1	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HE2	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HZ	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:N	3	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:O	3	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:C	3	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:CA	3	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:CB	3	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:H	3	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:HA	3	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:HB	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:N	3	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:O	3	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:C	3	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:H	3	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:N	3	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:O	3	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:C	3	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:H	3	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:N	3	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:O	3	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:C	3	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:CA	3	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:CB	3	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:H	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:6:THR:HA	3	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:HB	3	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:N	3	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:O	3	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:C	3	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:CA	3	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:CB	3	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:CE	3	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:CG	3	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:H	3	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:HA	3	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:HB2	3	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:HB3	3	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE1	3	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE2	3	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE3	3	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:HG2	3	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:HG3	3	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:N	3	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:O	3	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:SD	3	5.79
(1,31)	1:C:105:ASN:O	2:B:9:GLY:C	3	5.79
(1,31)	1:C:105:ASN:O	2:B:9:GLY:CA	3	5.79
(1,31)	1:C:105:ASN:O	2:B:9:GLY:H	3	5.79
(1,31)	1:C:105:ASN:O	2:B:9:GLY:HA2	3	5.79
(1,31)	1:C:105:ASN:O	2:B:9:GLY:HA3	3	5.79
(1,31)	1:C:105:ASN:O	2:B:9:GLY:N	3	5.79
(1,31)	1:C:105:ASN:O	2:B:9:GLY:O	3	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:C	3	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CA	3	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CB	3	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CD1	3	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CG1	3	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CG2	3	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:H	3	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HA	3	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HB	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD11	3	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD12	3	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD13	3	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG12	3	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG13	3	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG21	3	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG22	3	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG23	3	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:N	3	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:O	3	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:C	3	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CA	3	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CB	3	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CG	3	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:H	3	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HA	3	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HB2	3	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HB3	3	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:N	3	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:O	3	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:OD1	3	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:OD2	3	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:C	3	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CA	3	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CB	3	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CG1	3	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CG2	3	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:H	3	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HA	3	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HB	3	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG11	3	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG12	3	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG13	3	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG21	3	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG22	3	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG23	3	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:N	3	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:O	3	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:C	3	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CA	3	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CB	3	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CD1	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CD2	3	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CE1	3	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CE2	3	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CG	3	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CZ	3	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:H	3	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HA	3	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HB2	3	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HB3	3	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HD1	3	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HD2	3	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HE1	3	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HE2	3	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HZ	3	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:N	3	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:O	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:C	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CA	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CB	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:H	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HA	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HB	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:N	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:O	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:C	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:H	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:N	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:O	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:C	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CA	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CB	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CD	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CG	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:H	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HA	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HB2	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HB3	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HG2	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HG3	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:N	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:O	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:OE1	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:OE2	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:C	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CA	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CB	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CG2	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:H	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HA	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HB	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG1	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG21	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG22	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG23	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:N	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:O	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:OG1	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:C	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CA	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CB	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CE	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CG	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:H	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HA	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HB2	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HB3	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE1	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE2	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE3	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HG2	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HG3	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:N	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:O	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:SD	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:C	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:CA	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:H	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:HA2	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:HA3	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:N	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:O	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:C	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CA	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CB	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CD1	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CG1	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CG2	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:H	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HA	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HB	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD11	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD12	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD13	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG12	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG13	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG21	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG22	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG23	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:N	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:O	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:C	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CA	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CB	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CG	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:H	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HA	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HB2	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HB3	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:N	3	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:O	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:OD1	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:OD2	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:C	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CA	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CB	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CG1	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CG2	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:H	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HA	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HB	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG11	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG12	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG13	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG21	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG22	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG23	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:N	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:O	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:C	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CA	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CB	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CD1	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CD2	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CE1	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CE2	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CG	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CZ	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:H	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HA	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HB2	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HB3	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HD1	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HD2	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HE1	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HE2	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HZ	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:N	3	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:O	3	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:C	7	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:CA	7	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:CB	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:2:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:H	7	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:HA	7	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:HB	7	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:N	7	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:O	7	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:C	7	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:H	7	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:N	7	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:O	7	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:C	2:B:3:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:C	7	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:H	7	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:N	7	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:O	7	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:C	2:B:5:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:C	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:6:THR:CA	7	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:CB	7	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:H	7	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:HA	7	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:HB	7	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:N	7	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:O	7	5.79
(1,31)	1:C:105:ASN:C	2:B:6:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:C	7	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:CA	7	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:CB	7	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:CE	7	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:CG	7	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:H	7	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:HA	7	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:HB2	7	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:HB3	7	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE1	7	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE2	7	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE3	7	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:HG2	7	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:HG3	7	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:N	7	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:O	7	5.79
(1,31)	1:C:105:ASN:C	2:B:8:MET:SD	7	5.79
(1,31)	1:C:105:ASN:C	2:B:9:GLY:C	7	5.79
(1,31)	1:C:105:ASN:C	2:B:9:GLY:CA	7	5.79
(1,31)	1:C:105:ASN:C	2:B:9:GLY:H	7	5.79
(1,31)	1:C:105:ASN:C	2:B:9:GLY:HA2	7	5.79
(1,31)	1:C:105:ASN:C	2:B:9:GLY:HA3	7	5.79
(1,31)	1:C:105:ASN:C	2:B:9:GLY:N	7	5.79
(1,31)	1:C:105:ASN:C	2:B:9:GLY:O	7	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:C	7	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CA	7	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CB	7	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CD1	7	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CG1	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CG2	7	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:H	7	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HA	7	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HB	7	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD11	7	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD12	7	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD13	7	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG12	7	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG13	7	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG21	7	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG22	7	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG23	7	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:N	7	5.79
(1,31)	1:C:105:ASN:C	2:B:12:ILE:O	7	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:C	7	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CA	7	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CB	7	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CG	7	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:H	7	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HA	7	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HB2	7	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HB3	7	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:N	7	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:O	7	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:OD1	7	5.79
(1,31)	1:C:105:ASN:C	2:B:13:ASP:OD2	7	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:C	7	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CA	7	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CB	7	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CG1	7	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CG2	7	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:H	7	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HA	7	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HB	7	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG11	7	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG12	7	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG13	7	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG21	7	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG22	7	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG23	7	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:N	7	5.79
(1,31)	1:C:105:ASN:C	2:B:14:VAL:O	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:15:PHE:C	7	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CA	7	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CB	7	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CD1	7	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CD2	7	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CE1	7	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CE2	7	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CG	7	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CZ	7	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:H	7	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HA	7	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HB2	7	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HB3	7	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HD1	7	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HD2	7	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HE1	7	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HE2	7	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HZ	7	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:N	7	5.79
(1,31)	1:C:105:ASN:C	2:B:15:PHE:O	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:C	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CA	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CB	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:H	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HA	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HB	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:N	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:O	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:2:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:C	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:H	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HB2	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:N	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:O	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:C	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:H	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:N	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:O	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:C	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CA	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CB	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:H	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HA	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HB	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:N	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:O	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:6:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:C	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CA	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CB	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CE	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CG	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:H	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HA	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HB2	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HB3	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE1	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE2	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE3	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HG2	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HG3	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:N	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:O	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:8:MET:SD	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:C	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:CA	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:H	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:HA2	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:HA3	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:N	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:O	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:C	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CA	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CB	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CD1	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CG1	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CG2	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:H	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HA	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HB	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD11	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD12	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD13	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG12	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG13	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG21	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG22	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG23	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:N	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:O	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:C	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CA	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CB	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CG	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:H	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HA	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HB2	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HB3	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:N	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:O	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:OD1	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:OD2	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:C	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CA	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CB	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CG1	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CG2	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:H	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HA	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HB	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG11	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG12	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG13	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG21	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG22	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG23	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:N	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:O	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:C	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CA	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CB	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CD1	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CD2	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CE1	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CE2	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CG	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CZ	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:H	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HA	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HB2	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HB3	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HD1	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HD2	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HE1	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HE2	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HZ	7	5.79
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:N	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:O	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:C	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CA	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CB	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:H	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HA	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HB	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:N	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:O	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:2:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:C	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:H	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:N	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:O	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:C	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:H	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:N	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:O	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:C	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CA	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CB	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:H	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HA	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HB	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:N	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:O	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:6:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:C	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CA	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CB	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CE	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CG	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:H	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HA	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HB2	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HB3	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE1	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE2	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE3	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HG2	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HG3	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:N	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:O	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:8:MET:SD	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:C	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:CA	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:H	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:HA2	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:HA3	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:N	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:O	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:C	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CA	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CB	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CD1	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CG1	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CG2	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:H	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HA	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HB	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD11	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD12	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD13	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG12	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG13	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG21	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG22	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG23	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:N	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:O	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:C	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CA	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CB	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CG	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:H	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HA	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HB2	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HB3	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:N	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:O	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:OD1	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:OD2	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:C	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CA	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CB	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CG1	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CG2	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:H	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HA	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HB	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG11	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG12	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG13	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG21	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG22	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG23	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:N	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:O	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:C	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CA	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CB	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CD1	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CD2	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CE1	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CE2	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CG	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CZ	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:H	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HA	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HB2	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HB3	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HD1	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HD2	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HE1	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HE2	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HZ	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:N	7	5.79
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:O	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:C	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CA	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CB	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:H	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HA	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HB	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:N	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:O	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:2:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:C	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CD	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:H	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:N	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:O	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:C	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:H	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:N	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:O	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:C	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CA	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CB	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:H	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HA	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HB	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:N	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:O	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:6:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:C	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CA	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CB	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CE	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CG	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:H	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HA	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HB2	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HB3	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE1	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE2	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE3	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HG2	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HG3	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:N	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:O	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:8:MET:SD	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:C	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:CA	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:H	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:HA2	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:HA3	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:N	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:O	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:C	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CA	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CB	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CD1	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CG1	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CG2	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:H	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HA	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HB	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD11	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD12	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD13	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG12	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG13	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG21	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG22	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG23	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:N	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:O	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:C	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CA	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CB	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CG	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:H	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HA	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HB2	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HB3	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:N	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:O	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:OD1	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:OD2	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:C	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CA	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CB	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CG1	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CG2	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:H	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HA	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HB	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG11	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG12	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG13	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG21	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG22	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG23	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:N	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:O	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:C	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CA	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CB	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CD1	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CD2	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CE1	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CE2	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CG	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CZ	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:H	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HA	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HB2	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HB3	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HD1	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HD2	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HE1	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HE2	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HZ	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:N	7	5.79
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:O	7	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:C	7	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:CA	7	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:CB	7	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:H	7	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:HA	7	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:HB	7	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:N	7	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:O	7	5.79
(1,31)	1:C:105:ASN:H	2:B:2:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:C	7	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:H	7	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:N	7	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:O	7	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:H	2:B:3:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:C	7	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:H	7	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HB2	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:N	7	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:O	7	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:H	2:B:5:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:C	7	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:CA	7	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:CB	7	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:H	7	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:HA	7	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:HB	7	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:N	7	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:O	7	5.79
(1,31)	1:C:105:ASN:H	2:B:6:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:C	7	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:CA	7	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:CB	7	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:CE	7	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:CG	7	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:H	7	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:HA	7	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:HB2	7	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:HB3	7	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE1	7	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE2	7	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE3	7	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:HG2	7	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:HG3	7	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:N	7	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:O	7	5.79
(1,31)	1:C:105:ASN:H	2:B:8:MET:SD	7	5.79
(1,31)	1:C:105:ASN:H	2:B:9:GLY:C	7	5.79
(1,31)	1:C:105:ASN:H	2:B:9:GLY:CA	7	5.79
(1,31)	1:C:105:ASN:H	2:B:9:GLY:H	7	5.79
(1,31)	1:C:105:ASN:H	2:B:9:GLY:HA2	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:9:GLY:HA3	7	5.79
(1,31)	1:C:105:ASN:H	2:B:9:GLY:N	7	5.79
(1,31)	1:C:105:ASN:H	2:B:9:GLY:O	7	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:C	7	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CA	7	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CB	7	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CD1	7	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CG1	7	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CG2	7	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:H	7	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HA	7	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HB	7	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD11	7	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD12	7	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD13	7	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG12	7	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG13	7	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG21	7	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG22	7	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG23	7	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:N	7	5.79
(1,31)	1:C:105:ASN:H	2:B:12:ILE:O	7	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:C	7	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CA	7	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CB	7	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CG	7	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:H	7	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HA	7	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HB2	7	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HB3	7	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:N	7	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:O	7	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:OD1	7	5.79
(1,31)	1:C:105:ASN:H	2:B:13:ASP:OD2	7	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:C	7	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CA	7	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CB	7	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CG1	7	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CG2	7	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:H	7	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HA	7	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HB	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG11	7	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG12	7	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG13	7	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG21	7	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG22	7	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG23	7	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:N	7	5.79
(1,31)	1:C:105:ASN:H	2:B:14:VAL:O	7	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:C	7	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CA	7	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CB	7	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CD1	7	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CD2	7	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CE1	7	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CE2	7	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CG	7	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CZ	7	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:H	7	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HA	7	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HB2	7	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HB3	7	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HD1	7	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HD2	7	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HE1	7	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HE2	7	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HZ	7	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:N	7	5.79
(1,31)	1:C:105:ASN:H	2:B:15:PHE:O	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:C	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CA	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CB	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:H	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HA	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HB	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:N	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:O	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:2:THR:OG1	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:C	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:H	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:N	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:O	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:C	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:H	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:N	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:O	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:C	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CA	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CB	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:H	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HA	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HB	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:N	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:6:THR:O	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:6:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:C	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CA	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CB	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CE	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CG	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:H	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HA	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HB2	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HB3	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE1	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE2	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE3	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HG2	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HG3	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:N	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:O	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:8:MET:SD	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:C	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:CA	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:H	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:HA2	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:HA3	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:N	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:O	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:C	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CA	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CB	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CD1	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CG1	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CG2	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:H	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HA	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HB	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD11	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD12	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD13	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG12	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG13	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG21	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG22	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG23	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:N	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:O	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:C	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CA	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CB	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CG	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:H	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HA	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HB2	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HB3	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:N	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:O	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:OD1	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:OD2	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:C	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CA	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CB	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CG1	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CG2	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:H	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HA	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HB	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG11	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG12	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG13	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG21	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG22	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG23	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:N	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:O	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:C	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CA	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CB	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CD1	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CD2	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CE1	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CE2	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CG	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CZ	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:H	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HA	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HB2	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HB3	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HD1	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HD2	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HE1	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HE2	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HZ	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:N	7	5.79
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:O	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:C	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CA	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CB	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:H	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HA	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HB	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:N	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:O	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:C	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:H	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:N	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:O	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:C	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CD	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:H	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:N	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:O	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:C	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CA	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CB	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:H	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HA	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HB	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:N	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:O	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:C	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CA	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CB	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CE	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CG	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:H	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HA	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HB2	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HB3	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE1	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE2	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE3	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HG2	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HG3	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:N	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:O	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:SD	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:C	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:CA	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:H	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:HA2	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:HA3	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:N	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:O	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:C	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CA	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CB	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CD1	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CG1	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CG2	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:H	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HA	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HB	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD11	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD12	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD13	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG12	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG13	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG21	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG22	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG23	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:N	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:O	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:C	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CA	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CB	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CG	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:H	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HA	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HB2	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HB3	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:N	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:O	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:OD1	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:OD2	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:C	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CA	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CB	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CG1	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CG2	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:H	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HA	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HB	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG11	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG12	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG13	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG21	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG22	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG23	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:N	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:O	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:C	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CA	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CB	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CD1	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CD2	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CE1	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CE2	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CG	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CZ	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:H	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HA	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HB2	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HB3	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HD1	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HD2	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HE1	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HE2	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HZ	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:N	7	5.79
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:O	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:C	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CA	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CB	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:H	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HA	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HB	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG22	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:N	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:O	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:C	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:H	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:N	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:O	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:C	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:H	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:N	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:O	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:C	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CA	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CB	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:H	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HA	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HB	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG1	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:N	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:O	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:C	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CA	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CB	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CE	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CG	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:H	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HA	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HB2	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HB3	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE1	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE2	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE3	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HG2	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HG3	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:N	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:O	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:SD	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:C	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:CA	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:H	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:HA2	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:HA3	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:N	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:O	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:C	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CA	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CB	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CD1	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CG1	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CG2	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:H	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HA	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HB	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD11	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD12	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD13	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG12	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG13	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG21	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG22	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG23	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:N	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:O	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:C	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CA	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CB	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CG	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:H	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HA	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HB2	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HB3	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:N	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:O	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:OD1	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:OD2	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:C	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CA	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CB	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CG1	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CG2	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:H	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HA	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HB	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG11	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG12	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG13	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG21	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG22	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG23	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:N	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:O	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:C	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CA	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CB	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CD1	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CD2	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CE1	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CE2	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CG	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CZ	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:H	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HA	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HB2	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HB3	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HD1	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HD2	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HE1	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HE2	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HZ	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:N	7	5.79
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:O	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:C	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CA	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CB	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:H	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HA	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HB	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:N	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:O	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:C	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:H	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:N	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:O	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:OE2	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:C	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:H	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:N	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:O	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:C	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CA	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CB	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:H	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HA	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HB	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:N	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:O	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:C	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CA	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CB	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CE	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CG	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:H	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HA	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HB2	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HB3	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE1	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE2	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE3	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HG2	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HG3	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:N	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:O	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:SD	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:C	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:CA	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:H	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:HA2	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:HA3	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:N	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:O	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:C	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CA	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CB	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CD1	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CG1	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CG2	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:H	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HA	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HB	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD11	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD12	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD13	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG12	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG13	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG21	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG22	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG23	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:N	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:O	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:C	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CA	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CB	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CG	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:H	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HA	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HB2	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HB3	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:N	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:O	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:OD1	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:OD2	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:C	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CA	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CB	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CG1	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CG2	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:H	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HA	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HB	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG11	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG12	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG13	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG21	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG22	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG23	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:N	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:O	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:C	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CA	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CB	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CD1	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CD2	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CE1	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CE2	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CG	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CZ	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:H	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HA	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HB2	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HB3	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HD1	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HD2	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HE1	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HE2	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HZ	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:N	7	5.79
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:O	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:C	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CA	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CB	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:H	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HA	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HB	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:N	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:O	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:C	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:H	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:N	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:O	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:C	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:H	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:N	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:O	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:C	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CA	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CB	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CG2	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:H	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HA	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HB	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:N	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:O	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:C	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CA	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CB	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CE	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CG	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:H	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HA	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HB2	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HB3	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE1	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE2	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE3	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HG2	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HG3	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:N	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:O	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:SD	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:C	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:CA	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:H	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:HA2	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:HA3	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:N	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:O	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:C	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CA	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CB	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CD1	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CG1	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CG2	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:H	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HA	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HB	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD11	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD12	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD13	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG12	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG13	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG21	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG22	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG23	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:N	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:O	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:C	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CA	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CB	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CG	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:H	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HA	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HB2	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HB3	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:N	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:O	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:OD1	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:OD2	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:C	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CA	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CB	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CG1	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CG2	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:H	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HA	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HB	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG11	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG12	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG13	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG21	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG22	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG23	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:N	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:O	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:C	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CA	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CB	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CD1	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CD2	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CE1	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CE2	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CG	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CZ	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:H	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HA	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HB2	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HB3	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HD1	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HD2	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HE1	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HE2	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HZ	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:N	7	5.79
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:O	7	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:C	7	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:CA	7	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:CB	7	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:H	7	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:HA	7	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:HB	7	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:N	7	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:O	7	5.79
(1,31)	1:C:105:ASN:N	2:B:2:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:C	7	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:H	7	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HG3	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:3:GLU:N	7	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:O	7	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:N	2:B:3:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:C	7	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:H	7	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:N	7	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:O	7	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:N	2:B:5:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:C	7	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:CA	7	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:CB	7	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:H	7	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:HA	7	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:HB	7	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:N	7	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:O	7	5.79
(1,31)	1:C:105:ASN:N	2:B:6:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:C	7	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:CA	7	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:CB	7	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:CE	7	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:CG	7	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:H	7	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:HA	7	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:HB2	7	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:HB3	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE1	7	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE2	7	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE3	7	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:HG2	7	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:HG3	7	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:N	7	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:O	7	5.79
(1,31)	1:C:105:ASN:N	2:B:8:MET:SD	7	5.79
(1,31)	1:C:105:ASN:N	2:B:9:GLY:C	7	5.79
(1,31)	1:C:105:ASN:N	2:B:9:GLY:CA	7	5.79
(1,31)	1:C:105:ASN:N	2:B:9:GLY:H	7	5.79
(1,31)	1:C:105:ASN:N	2:B:9:GLY:HA2	7	5.79
(1,31)	1:C:105:ASN:N	2:B:9:GLY:HA3	7	5.79
(1,31)	1:C:105:ASN:N	2:B:9:GLY:N	7	5.79
(1,31)	1:C:105:ASN:N	2:B:9:GLY:O	7	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:C	7	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CA	7	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CB	7	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CD1	7	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CG1	7	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CG2	7	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:H	7	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HA	7	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HB	7	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD11	7	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD12	7	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD13	7	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG12	7	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG13	7	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG21	7	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG22	7	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG23	7	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:N	7	5.79
(1,31)	1:C:105:ASN:N	2:B:12:ILE:O	7	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:C	7	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CA	7	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CB	7	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CG	7	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:H	7	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HA	7	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HB2	7	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HB3	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:13:ASP:N	7	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:O	7	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:OD1	7	5.79
(1,31)	1:C:105:ASN:N	2:B:13:ASP:OD2	7	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:C	7	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CA	7	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CB	7	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CG1	7	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CG2	7	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:H	7	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HA	7	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HB	7	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG11	7	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG12	7	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG13	7	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG21	7	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG22	7	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG23	7	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:N	7	5.79
(1,31)	1:C:105:ASN:N	2:B:14:VAL:O	7	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:C	7	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CA	7	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CB	7	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CD1	7	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CD2	7	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CE1	7	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CE2	7	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CG	7	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CZ	7	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:H	7	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HA	7	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HB2	7	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HB3	7	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HD1	7	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HD2	7	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HE1	7	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HE2	7	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HZ	7	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:N	7	5.79
(1,31)	1:C:105:ASN:N	2:B:15:PHE:O	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:C	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CA	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CB	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:H	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HA	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HB	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:N	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:O	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:C	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:H	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:N	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:O	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:C	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:H	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:N	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:O	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:OE2	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:C	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CA	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CB	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:H	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HA	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HB	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:N	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:O	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:C	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CA	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CB	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CE	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CG	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:H	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HA	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HB2	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HB3	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE1	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE2	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE3	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HG2	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HG3	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:N	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:O	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:SD	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:C	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:CA	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:H	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:HA2	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:HA3	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:N	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:O	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:C	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CA	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CB	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CD1	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CG1	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CG2	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:H	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HA	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HB	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD11	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD12	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD13	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG12	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG13	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG21	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG22	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG23	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:N	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:O	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:C	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CA	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CB	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CG	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:H	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HA	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HB2	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HB3	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:N	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:O	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:OD1	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:OD2	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:C	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CA	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CB	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CG1	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CG2	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:H	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HA	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HB	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG11	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG12	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG13	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG21	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG22	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG23	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:N	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:O	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:C	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CA	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CB	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CD1	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CD2	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CE1	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CE2	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CG	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CZ	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:H	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HA	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HB2	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HB3	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HD1	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HD2	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HE1	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HE2	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HZ	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:N	7	5.79
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:O	7	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:C	7	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:CA	7	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:CB	7	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:H	7	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:HA	7	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:HB	7	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:N	7	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:O	7	5.79
(1,31)	1:C:105:ASN:O	2:B:2:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:C	7	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:H	7	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HA	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:N	7	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:O	7	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:O	2:B:3:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:C	7	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:H	7	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:N	7	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:O	7	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:O	2:B:5:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:C	7	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:CA	7	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:CB	7	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:H	7	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:HA	7	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:HB	7	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:N	7	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:O	7	5.79
(1,31)	1:C:105:ASN:O	2:B:6:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:C	7	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:CA	7	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:CB	7	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:CE	7	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:CG	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:8:MET:H	7	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:HA	7	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:HB2	7	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:HB3	7	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE1	7	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE2	7	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE3	7	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:HG2	7	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:HG3	7	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:N	7	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:O	7	5.79
(1,31)	1:C:105:ASN:O	2:B:8:MET:SD	7	5.79
(1,31)	1:C:105:ASN:O	2:B:9:GLY:C	7	5.79
(1,31)	1:C:105:ASN:O	2:B:9:GLY:CA	7	5.79
(1,31)	1:C:105:ASN:O	2:B:9:GLY:H	7	5.79
(1,31)	1:C:105:ASN:O	2:B:9:GLY:HA2	7	5.79
(1,31)	1:C:105:ASN:O	2:B:9:GLY:HA3	7	5.79
(1,31)	1:C:105:ASN:O	2:B:9:GLY:N	7	5.79
(1,31)	1:C:105:ASN:O	2:B:9:GLY:O	7	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:C	7	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CA	7	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CB	7	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CD1	7	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CG1	7	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CG2	7	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:H	7	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HA	7	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HB	7	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD11	7	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD12	7	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD13	7	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG12	7	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG13	7	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG21	7	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG22	7	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG23	7	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:N	7	5.79
(1,31)	1:C:105:ASN:O	2:B:12:ILE:O	7	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:C	7	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CA	7	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CB	7	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CG	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:13:ASP:H	7	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HA	7	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HB2	7	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HB3	7	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:N	7	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:O	7	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:OD1	7	5.79
(1,31)	1:C:105:ASN:O	2:B:13:ASP:OD2	7	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:C	7	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CA	7	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CB	7	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CG1	7	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CG2	7	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:H	7	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HA	7	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HB	7	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG11	7	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG12	7	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG13	7	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG21	7	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG22	7	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG23	7	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:N	7	5.79
(1,31)	1:C:105:ASN:O	2:B:14:VAL:O	7	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:C	7	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CA	7	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CB	7	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CD1	7	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CD2	7	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CE1	7	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CE2	7	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CG	7	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CZ	7	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:H	7	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HA	7	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HB2	7	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HB3	7	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HD1	7	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HD2	7	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HE1	7	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HE2	7	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HZ	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:15:PHE:N	7	5.79
(1,31)	1:C:105:ASN:O	2:B:15:PHE:O	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:C	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CA	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CB	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:H	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HA	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HB	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:N	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:O	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:C	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:H	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HG3	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:N	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:O	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:C	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CA	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CB	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CD	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CG	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:H	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HA	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HB2	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HB3	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HG2	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HG3	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:N	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:O	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:OE1	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:OE2	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:C	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CA	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CB	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CG2	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:H	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HA	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HB	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG1	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG21	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG22	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG23	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:N	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:O	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:OG1	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:C	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CA	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CB	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CE	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CG	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:H	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HA	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HB2	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HB3	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE1	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE2	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE3	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HG2	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HG3	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:N	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:O	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:SD	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:C	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:CA	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:H	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:HA2	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:HA3	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:N	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:O	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:C	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CA	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CB	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CD1	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CG1	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CG2	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:H	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HA	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HB	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD11	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD12	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD13	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG12	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG13	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG21	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG22	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG23	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:N	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:O	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:C	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CA	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CB	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CG	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:H	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HA	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HB2	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HB3	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:N	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:O	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:OD1	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:OD2	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:C	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CA	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CB	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CG1	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CG2	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:H	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HA	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HB	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG11	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG12	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG13	7	5.79

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG21	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG22	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG23	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:N	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:O	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:C	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CA	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CB	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CD1	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CD2	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CE1	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CE2	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CG	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CZ	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:H	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HA	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HB2	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HB3	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HD1	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HD2	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HE1	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HE2	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HZ	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:N	7	5.79
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:O	7	5.79
(1,31)	1:C:105:ASN:C	2:B:2:THR:C	6	5.77
(1,31)	1:C:105:ASN:C	2:B:2:THR:CA	6	5.77
(1,31)	1:C:105:ASN:C	2:B:2:THR:CB	6	5.77
(1,31)	1:C:105:ASN:C	2:B:2:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:C	2:B:2:THR:H	6	5.77
(1,31)	1:C:105:ASN:C	2:B:2:THR:HA	6	5.77
(1,31)	1:C:105:ASN:C	2:B:2:THR:HB	6	5.77
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:C	2:B:2:THR:N	6	5.77
(1,31)	1:C:105:ASN:C	2:B:2:THR:O	6	5.77
(1,31)	1:C:105:ASN:C	2:B:2:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:C	2:B:3:GLU:C	6	5.77
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CB	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:C	2:B:3:GLU:H	6	5.77
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:C	2:B:3:GLU:N	6	5.77
(1,31)	1:C:105:ASN:C	2:B:3:GLU:O	6	5.77
(1,31)	1:C:105:ASN:C	2:B:3:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:C	2:B:3:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:C	2:B:5:GLU:C	6	5.77
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:C	2:B:5:GLU:H	6	5.77
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:C	2:B:5:GLU:N	6	5.77
(1,31)	1:C:105:ASN:C	2:B:5:GLU:O	6	5.77
(1,31)	1:C:105:ASN:C	2:B:5:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:C	2:B:5:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:C	2:B:6:THR:C	6	5.77
(1,31)	1:C:105:ASN:C	2:B:6:THR:CA	6	5.77
(1,31)	1:C:105:ASN:C	2:B:6:THR:CB	6	5.77
(1,31)	1:C:105:ASN:C	2:B:6:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:C	2:B:6:THR:H	6	5.77
(1,31)	1:C:105:ASN:C	2:B:6:THR:HA	6	5.77
(1,31)	1:C:105:ASN:C	2:B:6:THR:HB	6	5.77
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:C	2:B:6:THR:N	6	5.77
(1,31)	1:C:105:ASN:C	2:B:6:THR:O	6	5.77
(1,31)	1:C:105:ASN:C	2:B:6:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:C	2:B:8:MET:C	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:8:MET:CA	6	5.77
(1,31)	1:C:105:ASN:C	2:B:8:MET:CB	6	5.77
(1,31)	1:C:105:ASN:C	2:B:8:MET:CE	6	5.77
(1,31)	1:C:105:ASN:C	2:B:8:MET:CG	6	5.77
(1,31)	1:C:105:ASN:C	2:B:8:MET:H	6	5.77
(1,31)	1:C:105:ASN:C	2:B:8:MET:HA	6	5.77
(1,31)	1:C:105:ASN:C	2:B:8:MET:HB2	6	5.77
(1,31)	1:C:105:ASN:C	2:B:8:MET:HB3	6	5.77
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE1	6	5.77
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE2	6	5.77
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE3	6	5.77
(1,31)	1:C:105:ASN:C	2:B:8:MET:HG2	6	5.77
(1,31)	1:C:105:ASN:C	2:B:8:MET:HG3	6	5.77
(1,31)	1:C:105:ASN:C	2:B:8:MET:N	6	5.77
(1,31)	1:C:105:ASN:C	2:B:8:MET:O	6	5.77
(1,31)	1:C:105:ASN:C	2:B:8:MET:SD	6	5.77
(1,31)	1:C:105:ASN:C	2:B:9:GLY:C	6	5.77
(1,31)	1:C:105:ASN:C	2:B:9:GLY:CA	6	5.77
(1,31)	1:C:105:ASN:C	2:B:9:GLY:H	6	5.77
(1,31)	1:C:105:ASN:C	2:B:9:GLY:HA2	6	5.77
(1,31)	1:C:105:ASN:C	2:B:9:GLY:HA3	6	5.77
(1,31)	1:C:105:ASN:C	2:B:9:GLY:N	6	5.77
(1,31)	1:C:105:ASN:C	2:B:9:GLY:O	6	5.77
(1,31)	1:C:105:ASN:C	2:B:12:ILE:C	6	5.77
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CA	6	5.77
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CB	6	5.77
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CD1	6	5.77
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CG1	6	5.77
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CG2	6	5.77
(1,31)	1:C:105:ASN:C	2:B:12:ILE:H	6	5.77
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HA	6	5.77
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HB	6	5.77
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD11	6	5.77
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD12	6	5.77
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD13	6	5.77
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG12	6	5.77
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG13	6	5.77
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG21	6	5.77
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG22	6	5.77
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG23	6	5.77
(1,31)	1:C:105:ASN:C	2:B:12:ILE:N	6	5.77
(1,31)	1:C:105:ASN:C	2:B:12:ILE:O	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:13:ASP:C	6	5.77
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CA	6	5.77
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CB	6	5.77
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CG	6	5.77
(1,31)	1:C:105:ASN:C	2:B:13:ASP:H	6	5.77
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HA	6	5.77
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HB2	6	5.77
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HB3	6	5.77
(1,31)	1:C:105:ASN:C	2:B:13:ASP:N	6	5.77
(1,31)	1:C:105:ASN:C	2:B:13:ASP:O	6	5.77
(1,31)	1:C:105:ASN:C	2:B:13:ASP:OD1	6	5.77
(1,31)	1:C:105:ASN:C	2:B:13:ASP:OD2	6	5.77
(1,31)	1:C:105:ASN:C	2:B:14:VAL:C	6	5.77
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CA	6	5.77
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CB	6	5.77
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CG1	6	5.77
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CG2	6	5.77
(1,31)	1:C:105:ASN:C	2:B:14:VAL:H	6	5.77
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HA	6	5.77
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HB	6	5.77
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG11	6	5.77
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG12	6	5.77
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG13	6	5.77
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG21	6	5.77
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG22	6	5.77
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG23	6	5.77
(1,31)	1:C:105:ASN:C	2:B:14:VAL:N	6	5.77
(1,31)	1:C:105:ASN:C	2:B:14:VAL:O	6	5.77
(1,31)	1:C:105:ASN:C	2:B:15:PHE:C	6	5.77
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CA	6	5.77
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CB	6	5.77
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CD1	6	5.77
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CD2	6	5.77
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CE1	6	5.77
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CE2	6	5.77
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CG	6	5.77
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CZ	6	5.77
(1,31)	1:C:105:ASN:C	2:B:15:PHE:H	6	5.77
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HA	6	5.77
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HB2	6	5.77
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HB3	6	5.77
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HD1	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HD2	6	5.77
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HE1	6	5.77
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HE2	6	5.77
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HZ	6	5.77
(1,31)	1:C:105:ASN:C	2:B:15:PHE:N	6	5.77
(1,31)	1:C:105:ASN:C	2:B:15:PHE:O	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:2:THR:C	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CA	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CB	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:2:THR:H	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HA	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HB	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:2:THR:N	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:2:THR:O	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:2:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:C	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:H	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:N	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:O	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:C	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:H	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HA	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:N	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:O	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:6:THR:C	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CA	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CB	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:6:THR:H	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HA	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HB	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:6:THR:N	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:6:THR:O	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:6:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:8:MET:C	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CA	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CB	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CE	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CG	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:8:MET:H	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HA	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HB2	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HB3	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE1	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE2	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE3	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HG2	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HG3	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:8:MET:N	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:8:MET:O	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:8:MET:SD	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:C	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:CA	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:H	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:HA2	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:HA3	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:N	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:O	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:C	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CA	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CB	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CD1	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CG1	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CG2	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:H	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HA	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HB	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD11	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD12	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD13	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG12	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG13	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG21	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG22	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG23	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:N	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:O	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:C	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CA	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CB	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CG	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:H	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HA	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HB2	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HB3	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:N	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:O	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:OD1	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:OD2	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:C	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CA	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CB	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CG1	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CG2	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:H	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HA	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HB	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG11	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG12	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG13	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG21	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG22	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG23	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:N	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:O	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:C	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CA	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CB	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CD1	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CD2	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CE1	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CE2	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CG	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CZ	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:H	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HA	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HB2	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HB3	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HD1	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HD2	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HE1	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HE2	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HZ	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:N	6	5.77
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:O	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:2:THR:C	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CA	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CB	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:2:THR:H	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HA	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HB	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:2:THR:N	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:2:THR:O	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:2:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:C	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:H	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:N	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:O	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:C	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:H	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:N	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:O	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:6:THR:C	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CA	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CB	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:6:THR:H	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HA	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HB	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG23	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:6:THR:N	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:6:THR:O	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:6:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:8:MET:C	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CA	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CB	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CE	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CG	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:8:MET:H	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HA	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HB2	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HB3	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE1	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE2	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE3	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HG2	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HG3	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:8:MET:N	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:8:MET:O	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:8:MET:SD	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:C	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:CA	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:H	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:HA2	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:HA3	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:N	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:O	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:C	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CA	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CB	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CD1	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CG1	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CG2	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:H	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HA	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HB	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD11	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD12	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD13	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG12	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG13	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG21	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG22	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG23	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:N	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:O	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:C	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CA	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CB	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CG	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:H	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HA	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HB2	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HB3	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:N	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:O	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:OD1	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:OD2	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:C	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CA	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CB	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CG1	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CG2	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:H	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HA	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HB	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG11	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG12	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG13	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG21	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG22	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG23	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:N	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:O	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:C	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CA	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CB	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CD1	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CD2	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CE1	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CE2	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CG	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CZ	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:H	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HA	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HB2	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HB3	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HD1	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HD2	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HE1	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HE2	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HZ	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:N	6	5.77
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:O	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:2:THR:C	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CA	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CB	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:2:THR:H	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HA	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HB	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:2:THR:N	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:2:THR:O	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:2:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:C	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:H	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:N	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:O	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:C	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CB	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:H	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:N	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:O	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:6:THR:C	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CA	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CB	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:6:THR:H	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HA	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HB	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:6:THR:N	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:6:THR:O	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:6:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:8:MET:C	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CA	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CB	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CE	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CG	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:8:MET:H	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HA	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HB2	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HB3	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE1	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE2	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE3	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HG2	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HG3	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:8:MET:N	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:8:MET:O	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:8:MET:SD	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:C	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:CA	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:H	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:HA2	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:HA3	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:N	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:O	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:C	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CA	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CB	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CD1	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CG1	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CG2	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:H	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HA	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HB	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD11	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD12	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD13	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG12	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG13	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG21	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG22	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG23	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:N	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:O	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:C	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CA	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CB	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CG	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:H	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HA	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HB2	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HB3	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:N	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:O	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:OD1	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:OD2	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:C	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CA	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CB	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CG1	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CG2	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:H	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HA	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HB	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG11	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG12	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG13	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG21	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG22	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG23	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:N	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:O	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:C	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CA	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CB	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CD1	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CD2	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CE1	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CE2	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CG	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CZ	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:H	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HA	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HB2	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HB3	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HD1	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HD2	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HE1	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HE2	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HZ	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:N	6	5.77
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:O	6	5.77
(1,31)	1:C:105:ASN:H	2:B:2:THR:C	6	5.77
(1,31)	1:C:105:ASN:H	2:B:2:THR:CA	6	5.77
(1,31)	1:C:105:ASN:H	2:B:2:THR:CB	6	5.77
(1,31)	1:C:105:ASN:H	2:B:2:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:H	2:B:2:THR:H	6	5.77
(1,31)	1:C:105:ASN:H	2:B:2:THR:HA	6	5.77
(1,31)	1:C:105:ASN:H	2:B:2:THR:HB	6	5.77
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG21	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:H	2:B:2:THR:N	6	5.77
(1,31)	1:C:105:ASN:H	2:B:2:THR:O	6	5.77
(1,31)	1:C:105:ASN:H	2:B:2:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:H	2:B:3:GLU:C	6	5.77
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:H	2:B:3:GLU:H	6	5.77
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:H	2:B:3:GLU:N	6	5.77
(1,31)	1:C:105:ASN:H	2:B:3:GLU:O	6	5.77
(1,31)	1:C:105:ASN:H	2:B:3:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:H	2:B:3:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:H	2:B:5:GLU:C	6	5.77
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:H	2:B:5:GLU:H	6	5.77
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:H	2:B:5:GLU:N	6	5.77
(1,31)	1:C:105:ASN:H	2:B:5:GLU:O	6	5.77
(1,31)	1:C:105:ASN:H	2:B:5:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:H	2:B:5:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:H	2:B:6:THR:C	6	5.77
(1,31)	1:C:105:ASN:H	2:B:6:THR:CA	6	5.77
(1,31)	1:C:105:ASN:H	2:B:6:THR:CB	6	5.77
(1,31)	1:C:105:ASN:H	2:B:6:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:H	2:B:6:THR:H	6	5.77
(1,31)	1:C:105:ASN:H	2:B:6:THR:HA	6	5.77
(1,31)	1:C:105:ASN:H	2:B:6:THR:HB	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:H	2:B:6:THR:N	6	5.77
(1,31)	1:C:105:ASN:H	2:B:6:THR:O	6	5.77
(1,31)	1:C:105:ASN:H	2:B:6:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:H	2:B:8:MET:C	6	5.77
(1,31)	1:C:105:ASN:H	2:B:8:MET:CA	6	5.77
(1,31)	1:C:105:ASN:H	2:B:8:MET:CB	6	5.77
(1,31)	1:C:105:ASN:H	2:B:8:MET:CE	6	5.77
(1,31)	1:C:105:ASN:H	2:B:8:MET:CG	6	5.77
(1,31)	1:C:105:ASN:H	2:B:8:MET:H	6	5.77
(1,31)	1:C:105:ASN:H	2:B:8:MET:HA	6	5.77
(1,31)	1:C:105:ASN:H	2:B:8:MET:HB2	6	5.77
(1,31)	1:C:105:ASN:H	2:B:8:MET:HB3	6	5.77
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE1	6	5.77
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE2	6	5.77
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE3	6	5.77
(1,31)	1:C:105:ASN:H	2:B:8:MET:HG2	6	5.77
(1,31)	1:C:105:ASN:H	2:B:8:MET:HG3	6	5.77
(1,31)	1:C:105:ASN:H	2:B:8:MET:N	6	5.77
(1,31)	1:C:105:ASN:H	2:B:8:MET:O	6	5.77
(1,31)	1:C:105:ASN:H	2:B:8:MET:SD	6	5.77
(1,31)	1:C:105:ASN:H	2:B:9:GLY:C	6	5.77
(1,31)	1:C:105:ASN:H	2:B:9:GLY:CA	6	5.77
(1,31)	1:C:105:ASN:H	2:B:9:GLY:H	6	5.77
(1,31)	1:C:105:ASN:H	2:B:9:GLY:HA2	6	5.77
(1,31)	1:C:105:ASN:H	2:B:9:GLY:HA3	6	5.77
(1,31)	1:C:105:ASN:H	2:B:9:GLY:N	6	5.77
(1,31)	1:C:105:ASN:H	2:B:9:GLY:O	6	5.77
(1,31)	1:C:105:ASN:H	2:B:12:ILE:C	6	5.77
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CA	6	5.77
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CB	6	5.77
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CD1	6	5.77
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CG1	6	5.77
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CG2	6	5.77
(1,31)	1:C:105:ASN:H	2:B:12:ILE:H	6	5.77
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HA	6	5.77
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HB	6	5.77
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD11	6	5.77
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD12	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD13	6	5.77
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG12	6	5.77
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG13	6	5.77
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG21	6	5.77
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG22	6	5.77
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG23	6	5.77
(1,31)	1:C:105:ASN:H	2:B:12:ILE:N	6	5.77
(1,31)	1:C:105:ASN:H	2:B:12:ILE:O	6	5.77
(1,31)	1:C:105:ASN:H	2:B:13:ASP:C	6	5.77
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CA	6	5.77
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CB	6	5.77
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CG	6	5.77
(1,31)	1:C:105:ASN:H	2:B:13:ASP:H	6	5.77
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HA	6	5.77
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HB2	6	5.77
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HB3	6	5.77
(1,31)	1:C:105:ASN:H	2:B:13:ASP:N	6	5.77
(1,31)	1:C:105:ASN:H	2:B:13:ASP:O	6	5.77
(1,31)	1:C:105:ASN:H	2:B:13:ASP:OD1	6	5.77
(1,31)	1:C:105:ASN:H	2:B:13:ASP:OD2	6	5.77
(1,31)	1:C:105:ASN:H	2:B:14:VAL:C	6	5.77
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CA	6	5.77
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CB	6	5.77
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CG1	6	5.77
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CG2	6	5.77
(1,31)	1:C:105:ASN:H	2:B:14:VAL:H	6	5.77
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HA	6	5.77
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HB	6	5.77
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG11	6	5.77
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG12	6	5.77
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG13	6	5.77
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG21	6	5.77
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG22	6	5.77
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG23	6	5.77
(1,31)	1:C:105:ASN:H	2:B:14:VAL:N	6	5.77
(1,31)	1:C:105:ASN:H	2:B:14:VAL:O	6	5.77
(1,31)	1:C:105:ASN:H	2:B:15:PHE:C	6	5.77
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CA	6	5.77
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CB	6	5.77
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CD1	6	5.77
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CD2	6	5.77
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CE1	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CE2	6	5.77
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CG	6	5.77
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CZ	6	5.77
(1,31)	1:C:105:ASN:H	2:B:15:PHE:H	6	5.77
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HA	6	5.77
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HB2	6	5.77
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HB3	6	5.77
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HD1	6	5.77
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HD2	6	5.77
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HE1	6	5.77
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HE2	6	5.77
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HZ	6	5.77
(1,31)	1:C:105:ASN:H	2:B:15:PHE:N	6	5.77
(1,31)	1:C:105:ASN:H	2:B:15:PHE:O	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:2:THR:C	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CA	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CB	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:2:THR:H	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HA	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HB	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:2:THR:N	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:2:THR:O	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:2:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:C	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:H	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:N	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:O	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:OE1	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:C	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:H	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:N	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:O	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:6:THR:C	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CA	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CB	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:6:THR:H	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HA	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HB	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:6:THR:N	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:6:THR:O	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:6:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:8:MET:C	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CA	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CB	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CE	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CG	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:8:MET:H	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HA	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HB2	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HB3	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE1	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE2	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE3	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HG2	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HG3	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:8:MET:N	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:8:MET:O	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:8:MET:SD	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:C	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:CA	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:H	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:HA2	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:HA3	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:N	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:O	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:C	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CA	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CB	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CD1	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CG1	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CG2	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:H	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HA	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HB	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD11	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD12	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD13	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG12	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG13	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG21	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG22	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG23	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:N	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:O	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:C	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CA	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CB	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CG	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:H	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HA	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HB2	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HB3	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:N	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:O	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:OD1	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:OD2	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:C	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CA	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CB	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CG1	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CG2	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:H	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HA	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HB	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG11	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG12	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG13	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG21	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG22	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG23	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:N	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:O	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:C	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CA	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CB	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CD1	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CD2	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CE1	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CE2	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CG	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CZ	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:H	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HA	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HB2	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HB3	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HD1	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HD2	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HE1	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HE2	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HZ	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:N	6	5.77
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:O	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:C	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CA	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CB	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:H	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HA	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HB	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:N	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:O	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:C	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:H	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:N	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:O	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:C	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:H	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:N	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:O	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:C	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CA	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CB	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:H	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HA	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HB	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:N	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:O	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:C	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CA	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CB	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CE	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CG	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:H	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HA	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HB2	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HB3	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE1	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE2	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE3	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HG2	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HG3	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:N	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:O	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:SD	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:C	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:CA	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:H	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:HA2	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:HA3	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:N	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:O	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:C	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CA	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CB	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CD1	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CG1	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CG2	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:H	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HA	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HB	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD11	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD12	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD13	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG12	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG13	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG21	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG22	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG23	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:N	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:O	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:C	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CA	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CB	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CG	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:H	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HA	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HB2	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HB3	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:N	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:O	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:OD1	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:OD2	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:C	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CA	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CB	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CG1	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CG2	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:H	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HA	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HB	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG11	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG12	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG13	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG21	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG22	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG23	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:N	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:O	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:C	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CA	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CB	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CD1	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CD2	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CE1	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CE2	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CG	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CZ	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:H	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HA	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HB2	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HB3	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HD1	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HD2	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HE1	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HE2	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HZ	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:N	6	5.77
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:O	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:C	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CA	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CB	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:H	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HA	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HB	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:N	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:O	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:C	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:H	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HG2	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:N	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:O	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:C	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:H	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:N	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:O	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:C	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CA	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CB	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:H	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HA	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HB	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:N	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:O	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:C	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CA	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CB	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CE	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CG	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:H	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HA	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HB2	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HB3	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE1	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE2	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE3	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HG2	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HG3	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:N	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:O	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:SD	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:C	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:CA	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:H	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:HA2	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:HA3	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:N	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:O	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:C	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CA	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CB	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CD1	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CG1	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CG2	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:H	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HA	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HB	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD11	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD12	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD13	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG12	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG13	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG21	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG22	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG23	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:N	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:O	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:C	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CA	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CB	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CG	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:H	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HA	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HB2	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HB3	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:N	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:O	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:OD1	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:OD2	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:C	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CA	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CB	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CG1	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CG2	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:H	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HA	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HB	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG11	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG12	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG13	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG21	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG22	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG23	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:N	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:O	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:C	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CA	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CB	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CD1	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CD2	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CE1	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CE2	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CG	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CZ	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:H	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HA	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HB2	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HB3	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HD1	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HD2	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HE1	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HE2	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HZ	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:N	6	5.77
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:O	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:C	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CA	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CB	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:H	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HA	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HB	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:N	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:O	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:C	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:H	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:N	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:O	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:C	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:H	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:N	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:O	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:OE1	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:C	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CA	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CB	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:H	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HA	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HB	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:N	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:O	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:C	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CA	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CB	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CE	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CG	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:H	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HA	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HB2	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HB3	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE1	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE2	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE3	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HG2	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HG3	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:N	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:O	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:SD	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:C	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:CA	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:H	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:HA2	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:HA3	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:N	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:O	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:C	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CA	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CB	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CD1	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CG1	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CG2	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:H	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HA	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HB	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD11	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD12	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD13	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG12	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG13	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG21	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG22	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG23	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:N	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:O	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:C	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CA	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CB	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CG	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:H	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HA	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HB2	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HB3	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:N	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:O	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:OD1	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:OD2	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:C	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CA	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CB	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CG1	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CG2	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:H	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HA	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HB	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG11	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG12	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG13	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG21	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG22	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG23	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:N	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:O	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:C	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CA	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CB	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CD1	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CD2	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CE1	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CE2	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CG	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CZ	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:H	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HA	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HB2	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HB3	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HD1	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HD2	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HE1	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HE2	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HZ	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:N	6	5.77
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:O	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:C	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CA	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CB	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:H	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HA	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HB	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:N	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:O	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:C	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:H	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:N	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:O	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:C	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:H	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:N	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:O	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:C	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CA	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CB	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:H	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HA	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HB	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:N	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:O	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:C	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CA	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CB	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CE	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CG	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:H	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HA	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HB2	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HB3	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE1	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE2	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE3	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HG2	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HG3	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:N	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:O	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:SD	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:C	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:CA	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:H	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:HA2	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:HA3	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:N	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:O	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:C	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CA	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CB	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CD1	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CG1	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CG2	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:H	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HA	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HB	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD11	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD12	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD13	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG12	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG13	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG21	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG22	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG23	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:N	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:O	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:C	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CA	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CB	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CG	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:H	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HA	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HB2	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HB3	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:N	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:O	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:OD1	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:OD2	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:C	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CA	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CB	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CG1	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CG2	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:H	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HA	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HB	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG11	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG12	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG13	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG21	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG22	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG23	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:N	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:O	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:C	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CA	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CB	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CD1	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CD2	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CE1	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CE2	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CG	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CZ	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:H	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HA	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HB2	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HB3	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HD1	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HD2	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HE1	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HE2	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HZ	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:N	6	5.77
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:O	6	5.77
(1,31)	1:C:105:ASN:N	2:B:2:THR:C	6	5.77
(1,31)	1:C:105:ASN:N	2:B:2:THR:CA	6	5.77
(1,31)	1:C:105:ASN:N	2:B:2:THR:CB	6	5.77
(1,31)	1:C:105:ASN:N	2:B:2:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:N	2:B:2:THR:H	6	5.77
(1,31)	1:C:105:ASN:N	2:B:2:THR:HA	6	5.77
(1,31)	1:C:105:ASN:N	2:B:2:THR:HB	6	5.77
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:N	2:B:2:THR:N	6	5.77
(1,31)	1:C:105:ASN:N	2:B:2:THR:O	6	5.77
(1,31)	1:C:105:ASN:N	2:B:2:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:N	2:B:3:GLU:C	6	5.77
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:N	2:B:3:GLU:H	6	5.77
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:N	2:B:3:GLU:N	6	5.77
(1,31)	1:C:105:ASN:N	2:B:3:GLU:O	6	5.77
(1,31)	1:C:105:ASN:N	2:B:3:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:N	2:B:3:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:N	2:B:5:GLU:C	6	5.77
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:N	2:B:5:GLU:H	6	5.77
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HG2	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:N	2:B:5:GLU:N	6	5.77
(1,31)	1:C:105:ASN:N	2:B:5:GLU:O	6	5.77
(1,31)	1:C:105:ASN:N	2:B:5:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:N	2:B:5:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:N	2:B:6:THR:C	6	5.77
(1,31)	1:C:105:ASN:N	2:B:6:THR:CA	6	5.77
(1,31)	1:C:105:ASN:N	2:B:6:THR:CB	6	5.77
(1,31)	1:C:105:ASN:N	2:B:6:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:N	2:B:6:THR:H	6	5.77
(1,31)	1:C:105:ASN:N	2:B:6:THR:HA	6	5.77
(1,31)	1:C:105:ASN:N	2:B:6:THR:HB	6	5.77
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:N	2:B:6:THR:N	6	5.77
(1,31)	1:C:105:ASN:N	2:B:6:THR:O	6	5.77
(1,31)	1:C:105:ASN:N	2:B:6:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:N	2:B:8:MET:C	6	5.77
(1,31)	1:C:105:ASN:N	2:B:8:MET:CA	6	5.77
(1,31)	1:C:105:ASN:N	2:B:8:MET:CB	6	5.77
(1,31)	1:C:105:ASN:N	2:B:8:MET:CE	6	5.77
(1,31)	1:C:105:ASN:N	2:B:8:MET:CG	6	5.77
(1,31)	1:C:105:ASN:N	2:B:8:MET:H	6	5.77
(1,31)	1:C:105:ASN:N	2:B:8:MET:HA	6	5.77
(1,31)	1:C:105:ASN:N	2:B:8:MET:HB2	6	5.77
(1,31)	1:C:105:ASN:N	2:B:8:MET:HB3	6	5.77
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE1	6	5.77
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE2	6	5.77
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE3	6	5.77
(1,31)	1:C:105:ASN:N	2:B:8:MET:HG2	6	5.77
(1,31)	1:C:105:ASN:N	2:B:8:MET:HG3	6	5.77
(1,31)	1:C:105:ASN:N	2:B:8:MET:N	6	5.77
(1,31)	1:C:105:ASN:N	2:B:8:MET:O	6	5.77
(1,31)	1:C:105:ASN:N	2:B:8:MET:SD	6	5.77
(1,31)	1:C:105:ASN:N	2:B:9:GLY:C	6	5.77
(1,31)	1:C:105:ASN:N	2:B:9:GLY:CA	6	5.77
(1,31)	1:C:105:ASN:N	2:B:9:GLY:H	6	5.77
(1,31)	1:C:105:ASN:N	2:B:9:GLY:HA2	6	5.77
(1,31)	1:C:105:ASN:N	2:B:9:GLY:HA3	6	5.77
(1,31)	1:C:105:ASN:N	2:B:9:GLY:N	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:9:GLY:O	6	5.77
(1,31)	1:C:105:ASN:N	2:B:12:ILE:C	6	5.77
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CA	6	5.77
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CB	6	5.77
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CD1	6	5.77
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CG1	6	5.77
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CG2	6	5.77
(1,31)	1:C:105:ASN:N	2:B:12:ILE:H	6	5.77
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HA	6	5.77
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HB	6	5.77
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD11	6	5.77
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD12	6	5.77
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD13	6	5.77
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG12	6	5.77
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG13	6	5.77
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG21	6	5.77
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG22	6	5.77
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG23	6	5.77
(1,31)	1:C:105:ASN:N	2:B:12:ILE:N	6	5.77
(1,31)	1:C:105:ASN:N	2:B:12:ILE:O	6	5.77
(1,31)	1:C:105:ASN:N	2:B:13:ASP:C	6	5.77
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CA	6	5.77
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CB	6	5.77
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CG	6	5.77
(1,31)	1:C:105:ASN:N	2:B:13:ASP:H	6	5.77
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HA	6	5.77
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HB2	6	5.77
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HB3	6	5.77
(1,31)	1:C:105:ASN:N	2:B:13:ASP:N	6	5.77
(1,31)	1:C:105:ASN:N	2:B:13:ASP:O	6	5.77
(1,31)	1:C:105:ASN:N	2:B:13:ASP:OD1	6	5.77
(1,31)	1:C:105:ASN:N	2:B:13:ASP:OD2	6	5.77
(1,31)	1:C:105:ASN:N	2:B:14:VAL:C	6	5.77
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CA	6	5.77
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CB	6	5.77
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CG1	6	5.77
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CG2	6	5.77
(1,31)	1:C:105:ASN:N	2:B:14:VAL:H	6	5.77
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HA	6	5.77
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HB	6	5.77
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG11	6	5.77
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG12	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG13	6	5.77
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG21	6	5.77
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG22	6	5.77
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG23	6	5.77
(1,31)	1:C:105:ASN:N	2:B:14:VAL:N	6	5.77
(1,31)	1:C:105:ASN:N	2:B:14:VAL:O	6	5.77
(1,31)	1:C:105:ASN:N	2:B:15:PHE:C	6	5.77
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CA	6	5.77
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CB	6	5.77
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CD1	6	5.77
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CD2	6	5.77
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CE1	6	5.77
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CE2	6	5.77
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CG	6	5.77
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CZ	6	5.77
(1,31)	1:C:105:ASN:N	2:B:15:PHE:H	6	5.77
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HA	6	5.77
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HB2	6	5.77
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HB3	6	5.77
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HD1	6	5.77
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HD2	6	5.77
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HE1	6	5.77
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HE2	6	5.77
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HZ	6	5.77
(1,31)	1:C:105:ASN:N	2:B:15:PHE:N	6	5.77
(1,31)	1:C:105:ASN:N	2:B:15:PHE:O	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:C	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CA	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CB	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:H	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HA	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HB	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:N	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:O	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:C	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CA	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:H	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:N	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:O	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:C	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:H	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:N	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:O	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:C	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CA	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CB	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:H	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HA	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HB	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:N	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:O	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:OG1	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:C	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CA	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CB	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CE	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CG	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:H	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HA	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HB2	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HB3	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE1	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE2	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE3	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HG2	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HG3	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:N	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:O	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:SD	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:C	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:CA	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:H	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:HA2	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:HA3	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:N	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:O	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:C	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CA	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CB	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CD1	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CG1	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CG2	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:H	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HA	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HB	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD11	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD12	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD13	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG12	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG13	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG21	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG22	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG23	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:N	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:O	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:C	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CA	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CB	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CG	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:H	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HA	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HB2	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HB3	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:N	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:O	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:OD1	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:OD2	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:C	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CA	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CB	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CG1	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CG2	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:H	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HA	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HB	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG11	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG12	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG13	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG21	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG22	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG23	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:N	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:O	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:C	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CA	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CB	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CD1	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CD2	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CE1	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CE2	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CG	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CZ	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:H	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HA	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HB2	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HB3	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HD1	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HD2	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HE1	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HE2	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HZ	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:N	6	5.77
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:O	6	5.77
(1,31)	1:C:105:ASN:O	2:B:2:THR:C	6	5.77
(1,31)	1:C:105:ASN:O	2:B:2:THR:CA	6	5.77
(1,31)	1:C:105:ASN:O	2:B:2:THR:CB	6	5.77
(1,31)	1:C:105:ASN:O	2:B:2:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:O	2:B:2:THR:H	6	5.77
(1,31)	1:C:105:ASN:O	2:B:2:THR:HA	6	5.77
(1,31)	1:C:105:ASN:O	2:B:2:THR:HB	6	5.77
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:O	2:B:2:THR:N	6	5.77
(1,31)	1:C:105:ASN:O	2:B:2:THR:O	6	5.77
(1,31)	1:C:105:ASN:O	2:B:2:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:O	2:B:3:GLU:C	6	5.77
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:O	2:B:3:GLU:H	6	5.77
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:O	2:B:3:GLU:N	6	5.77
(1,31)	1:C:105:ASN:O	2:B:3:GLU:O	6	5.77
(1,31)	1:C:105:ASN:O	2:B:3:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:O	2:B:3:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:O	2:B:5:GLU:C	6	5.77
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:O	2:B:5:GLU:H	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:O	2:B:5:GLU:N	6	5.77
(1,31)	1:C:105:ASN:O	2:B:5:GLU:O	6	5.77
(1,31)	1:C:105:ASN:O	2:B:5:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:O	2:B:5:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:O	2:B:6:THR:C	6	5.77
(1,31)	1:C:105:ASN:O	2:B:6:THR:CA	6	5.77
(1,31)	1:C:105:ASN:O	2:B:6:THR:CB	6	5.77
(1,31)	1:C:105:ASN:O	2:B:6:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:O	2:B:6:THR:H	6	5.77
(1,31)	1:C:105:ASN:O	2:B:6:THR:HA	6	5.77
(1,31)	1:C:105:ASN:O	2:B:6:THR:HB	6	5.77
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:O	2:B:6:THR:N	6	5.77
(1,31)	1:C:105:ASN:O	2:B:6:THR:O	6	5.77
(1,31)	1:C:105:ASN:O	2:B:6:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:O	2:B:8:MET:C	6	5.77
(1,31)	1:C:105:ASN:O	2:B:8:MET:CA	6	5.77
(1,31)	1:C:105:ASN:O	2:B:8:MET:CB	6	5.77
(1,31)	1:C:105:ASN:O	2:B:8:MET:CE	6	5.77
(1,31)	1:C:105:ASN:O	2:B:8:MET:CG	6	5.77
(1,31)	1:C:105:ASN:O	2:B:8:MET:H	6	5.77
(1,31)	1:C:105:ASN:O	2:B:8:MET:HA	6	5.77
(1,31)	1:C:105:ASN:O	2:B:8:MET:HB2	6	5.77
(1,31)	1:C:105:ASN:O	2:B:8:MET:HB3	6	5.77
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE1	6	5.77
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE2	6	5.77
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE3	6	5.77
(1,31)	1:C:105:ASN:O	2:B:8:MET:HG2	6	5.77
(1,31)	1:C:105:ASN:O	2:B:8:MET:HG3	6	5.77
(1,31)	1:C:105:ASN:O	2:B:8:MET:N	6	5.77
(1,31)	1:C:105:ASN:O	2:B:8:MET:O	6	5.77
(1,31)	1:C:105:ASN:O	2:B:8:MET:SD	6	5.77
(1,31)	1:C:105:ASN:O	2:B:9:GLY:C	6	5.77
(1,31)	1:C:105:ASN:O	2:B:9:GLY:CA	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:9:GLY:H	6	5.77
(1,31)	1:C:105:ASN:O	2:B:9:GLY:HA2	6	5.77
(1,31)	1:C:105:ASN:O	2:B:9:GLY:HA3	6	5.77
(1,31)	1:C:105:ASN:O	2:B:9:GLY:N	6	5.77
(1,31)	1:C:105:ASN:O	2:B:9:GLY:O	6	5.77
(1,31)	1:C:105:ASN:O	2:B:12:ILE:C	6	5.77
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CA	6	5.77
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CB	6	5.77
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CD1	6	5.77
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CG1	6	5.77
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CG2	6	5.77
(1,31)	1:C:105:ASN:O	2:B:12:ILE:H	6	5.77
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HA	6	5.77
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HB	6	5.77
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD11	6	5.77
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD12	6	5.77
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD13	6	5.77
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG12	6	5.77
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG13	6	5.77
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG21	6	5.77
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG22	6	5.77
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG23	6	5.77
(1,31)	1:C:105:ASN:O	2:B:12:ILE:N	6	5.77
(1,31)	1:C:105:ASN:O	2:B:12:ILE:O	6	5.77
(1,31)	1:C:105:ASN:O	2:B:13:ASP:C	6	5.77
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CA	6	5.77
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CB	6	5.77
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CG	6	5.77
(1,31)	1:C:105:ASN:O	2:B:13:ASP:H	6	5.77
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HA	6	5.77
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HB2	6	5.77
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HB3	6	5.77
(1,31)	1:C:105:ASN:O	2:B:13:ASP:N	6	5.77
(1,31)	1:C:105:ASN:O	2:B:13:ASP:O	6	5.77
(1,31)	1:C:105:ASN:O	2:B:13:ASP:OD1	6	5.77
(1,31)	1:C:105:ASN:O	2:B:13:ASP:OD2	6	5.77
(1,31)	1:C:105:ASN:O	2:B:14:VAL:C	6	5.77
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CA	6	5.77
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CB	6	5.77
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CG1	6	5.77
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CG2	6	5.77
(1,31)	1:C:105:ASN:O	2:B:14:VAL:H	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HA	6	5.77
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HB	6	5.77
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG11	6	5.77
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG12	6	5.77
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG13	6	5.77
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG21	6	5.77
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG22	6	5.77
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG23	6	5.77
(1,31)	1:C:105:ASN:O	2:B:14:VAL:N	6	5.77
(1,31)	1:C:105:ASN:O	2:B:14:VAL:O	6	5.77
(1,31)	1:C:105:ASN:O	2:B:15:PHE:C	6	5.77
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CA	6	5.77
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CB	6	5.77
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CD1	6	5.77
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CD2	6	5.77
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CE1	6	5.77
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CE2	6	5.77
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CG	6	5.77
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CZ	6	5.77
(1,31)	1:C:105:ASN:O	2:B:15:PHE:H	6	5.77
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HA	6	5.77
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HB2	6	5.77
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HB3	6	5.77
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HD1	6	5.77
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HD2	6	5.77
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HE1	6	5.77
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HE2	6	5.77
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HZ	6	5.77
(1,31)	1:C:105:ASN:O	2:B:15:PHE:N	6	5.77
(1,31)	1:C:105:ASN:O	2:B:15:PHE:O	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:C	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CA	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CB	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:H	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HA	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HB	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG22	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:N	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:O	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:C	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:H	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:N	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:O	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:C	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CA	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CB	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CD	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CG	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:H	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HA	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HB2	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HB3	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HG2	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HG3	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:N	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:O	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:OE1	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:OE2	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:C	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CA	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CB	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CG2	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:H	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HA	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HB	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG1	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG21	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG22	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG23	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:N	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:O	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:OG1	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:C	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CA	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CB	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CE	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CG	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:H	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HA	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HB2	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HB3	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE1	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE2	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE3	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HG2	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HG3	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:N	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:O	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:SD	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:C	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:CA	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:H	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:HA2	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:HA3	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:N	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:O	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:C	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CA	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CB	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CD1	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CG1	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CG2	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:H	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HA	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HB	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD11	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD12	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD13	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG12	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG13	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG21	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG22	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG23	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:N	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:O	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:C	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CA	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CB	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CG	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:H	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HA	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HB2	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HB3	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:N	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:O	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:OD1	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:OD2	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:C	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CA	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CB	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CG1	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CG2	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:H	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HA	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HB	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG11	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG12	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG13	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG21	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG22	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG23	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:N	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:O	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:C	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CA	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CB	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CD1	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CD2	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CE1	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CE2	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CG	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CZ	6	5.77

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:H	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HA	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HB2	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HB3	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HD1	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HD2	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HE1	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HE2	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HZ	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:N	6	5.77
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:O	6	5.77
(1,31)	1:C:105:ASN:C	2:B:2:THR:C	1	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:CA	1	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:CB	1	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:H	1	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:HA	1	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:HB	1	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:N	1	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:O	1	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:C	1	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:H	1	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:N	1	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:O	1	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:C	1	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CA	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:H	1	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:N	1	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:O	1	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:C	1	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:CA	1	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:CB	1	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:H	1	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:HA	1	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:HB	1	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:N	1	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:O	1	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:C	1	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:CA	1	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:CB	1	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:CE	1	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:CG	1	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:H	1	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HA	1	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HB2	1	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HB3	1	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE1	1	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE2	1	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE3	1	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HG2	1	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HG3	1	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:N	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:8:MET:O	1	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:SD	1	5.67
(1,31)	1:C:105:ASN:C	2:B:9:GLY:C	1	5.67
(1,31)	1:C:105:ASN:C	2:B:9:GLY:CA	1	5.67
(1,31)	1:C:105:ASN:C	2:B:9:GLY:H	1	5.67
(1,31)	1:C:105:ASN:C	2:B:9:GLY:HA2	1	5.67
(1,31)	1:C:105:ASN:C	2:B:9:GLY:HA3	1	5.67
(1,31)	1:C:105:ASN:C	2:B:9:GLY:N	1	5.67
(1,31)	1:C:105:ASN:C	2:B:9:GLY:O	1	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:C	1	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CA	1	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CB	1	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CD1	1	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CG1	1	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CG2	1	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:H	1	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HA	1	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HB	1	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD11	1	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD12	1	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD13	1	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG12	1	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG13	1	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG21	1	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG22	1	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG23	1	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:N	1	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:O	1	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:C	1	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CA	1	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CB	1	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CG	1	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:H	1	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HA	1	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HB2	1	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HB3	1	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:N	1	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:O	1	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:OD1	1	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:OD2	1	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:C	1	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CA	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CB	1	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CG1	1	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CG2	1	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:H	1	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HA	1	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HB	1	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG11	1	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG12	1	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG13	1	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG21	1	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG22	1	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG23	1	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:N	1	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:O	1	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:C	1	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CA	1	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CB	1	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CD1	1	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CD2	1	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CE1	1	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CE2	1	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CG	1	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CZ	1	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:H	1	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HA	1	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HB2	1	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HB3	1	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HD1	1	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HD2	1	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HE1	1	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HE2	1	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HZ	1	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:N	1	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:O	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:C	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CA	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CB	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:H	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HA	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HB	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG1	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:N	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:O	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:C	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:H	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:N	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:O	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:C	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:H	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:N	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:O	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:C	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CA	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CB	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:H	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HA	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HB	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:N	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:O	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:C	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CA	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CB	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CE	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CG	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:H	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HA	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HB2	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HB3	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE1	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE2	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE3	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HG2	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HG3	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:N	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:O	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:SD	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:C	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:CA	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:H	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:HA2	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:HA3	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:N	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:O	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:C	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CA	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CB	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CD1	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CG1	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CG2	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:H	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HA	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HB	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD11	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD12	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD13	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG12	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG13	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG21	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG22	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG23	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:N	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:O	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:C	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CA	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CB	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CG	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:H	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HA	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HB2	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HB3	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:N	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:O	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:OD1	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:OD2	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:C	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CA	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CB	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CG1	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CG2	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:H	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HA	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HB	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG11	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG12	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG13	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG21	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG22	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG23	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:N	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:O	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:C	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CA	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CB	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CD1	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CD2	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CE1	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CE2	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CG	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CZ	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:H	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HA	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HB2	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HB3	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HD1	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HD2	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HE1	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HE2	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HZ	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:N	1	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:O	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:C	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CA	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CB	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:H	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HA	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HB	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:N	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:O	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:C	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:H	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:N	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:O	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:C	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:H	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:N	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:O	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:C	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CA	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CB	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:H	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HA	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HB	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:N	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:O	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:C	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CA	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CB	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CE	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CG	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:H	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HA	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HB2	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HB3	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE1	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE2	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE3	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HG2	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HG3	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:N	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:O	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:SD	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:C	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:CA	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:H	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:HA2	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:HA3	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:N	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:O	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:C	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CA	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CB	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CD1	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CG1	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CG2	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:H	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HA	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HB	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD11	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD12	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD13	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG12	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG13	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG21	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG22	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG23	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:N	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:O	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:C	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CA	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CB	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CG	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:H	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HA	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HB2	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HB3	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:N	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:O	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:OD1	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:OD2	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:C	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CA	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CB	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CG1	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CG2	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:H	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HA	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HB	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG11	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG12	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG13	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG21	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG22	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG23	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:N	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:O	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:C	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CA	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CB	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CD1	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CD2	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CE1	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CE2	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CG	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CZ	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:H	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HA	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HB2	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HB3	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HD1	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HD2	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HE1	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HE2	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HZ	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:N	1	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:O	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:C	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CA	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CB	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CG2	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:2:THR:H	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HA	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HB	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:N	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:O	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:C	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:H	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:N	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:O	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:C	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:H	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:N	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:O	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:C	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CA	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CB	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:H	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HA	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HB	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:N	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:O	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:C	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CA	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CB	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CE	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CG	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:H	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HA	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HB2	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HB3	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE1	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE2	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE3	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HG2	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HG3	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:N	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:O	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:SD	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:C	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:CA	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:H	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:HA2	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:HA3	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:N	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:O	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:C	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CA	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CB	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CD1	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CG1	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CG2	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:H	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HA	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HB	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD11	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD12	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD13	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG12	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG13	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG21	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG22	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG23	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:N	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:O	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:C	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CA	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CB	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CG	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:H	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HA	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HB2	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HB3	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:N	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:O	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:OD1	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:OD2	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:C	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CA	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CB	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CG1	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CG2	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:H	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HA	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HB	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG11	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG12	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG13	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG21	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG22	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG23	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:N	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:O	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:C	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CA	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CB	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CD1	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CD2	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CE1	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CE2	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CG	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CZ	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:H	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HA	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HB2	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HB3	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HD1	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HD2	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HE1	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HE2	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HZ	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:N	1	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:O	1	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:C	1	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:CA	1	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:CB	1	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:H	1	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:HA	1	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:HB	1	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:N	1	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:O	1	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:C	1	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:H	1	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HB3	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:N	1	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:O	1	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:C	1	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:H	1	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:N	1	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:O	1	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:C	1	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:CA	1	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:CB	1	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:H	1	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:HA	1	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:HB	1	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:N	1	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:O	1	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:C	1	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:CA	1	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:CB	1	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:CE	1	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:CG	1	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:H	1	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HA	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:8:MET:HB2	1	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HB3	1	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE1	1	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE2	1	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE3	1	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HG2	1	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HG3	1	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:N	1	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:O	1	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:SD	1	5.67
(1,31)	1:C:105:ASN:H	2:B:9:GLY:C	1	5.67
(1,31)	1:C:105:ASN:H	2:B:9:GLY:CA	1	5.67
(1,31)	1:C:105:ASN:H	2:B:9:GLY:H	1	5.67
(1,31)	1:C:105:ASN:H	2:B:9:GLY:HA2	1	5.67
(1,31)	1:C:105:ASN:H	2:B:9:GLY:HA3	1	5.67
(1,31)	1:C:105:ASN:H	2:B:9:GLY:N	1	5.67
(1,31)	1:C:105:ASN:H	2:B:9:GLY:O	1	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:C	1	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CA	1	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CB	1	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CD1	1	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CG1	1	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CG2	1	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:H	1	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HA	1	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HB	1	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD11	1	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD12	1	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD13	1	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG12	1	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG13	1	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG21	1	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG22	1	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG23	1	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:N	1	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:O	1	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:C	1	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CA	1	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CB	1	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CG	1	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:H	1	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HA	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HB2	1	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HB3	1	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:N	1	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:O	1	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:OD1	1	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:OD2	1	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:C	1	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CA	1	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CB	1	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CG1	1	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CG2	1	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:H	1	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HA	1	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HB	1	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG11	1	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG12	1	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG13	1	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG21	1	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG22	1	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG23	1	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:N	1	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:O	1	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:C	1	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CA	1	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CB	1	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CD1	1	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CD2	1	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CE1	1	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CE2	1	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CG	1	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CZ	1	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:H	1	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HA	1	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HB2	1	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HB3	1	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HD1	1	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HD2	1	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HE1	1	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HE2	1	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HZ	1	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:N	1	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:O	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:2:THR:C	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CA	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CB	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:H	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HA	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HB	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:N	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:O	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:C	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:H	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:N	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:O	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:C	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:H	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:N	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:O	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:C	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CA	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CB	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:H	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HA	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HB	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:N	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:O	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:C	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CA	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CB	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CE	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CG	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:H	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HA	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HB2	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HB3	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE1	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE2	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE3	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HG2	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HG3	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:N	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:O	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:SD	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:C	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:CA	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:H	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:HA2	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:HA3	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:N	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:O	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:C	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CA	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CB	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CD1	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CG1	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CG2	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:H	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HA	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HB	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD11	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD12	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD13	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG12	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG13	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG21	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG22	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG23	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:N	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:O	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:C	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CA	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CB	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CG	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:H	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HA	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HB2	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HB3	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:N	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:O	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:OD1	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:OD2	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:C	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CA	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CB	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CG1	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CG2	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:H	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HA	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HB	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG11	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG12	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG13	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG21	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG22	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG23	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:N	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:O	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:C	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CA	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CB	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CD1	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CD2	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CE1	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CE2	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CG	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CZ	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:H	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HA	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HB2	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HB3	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HD1	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HD2	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HE1	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HE2	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HZ	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:N	1	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:O	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:C	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CA	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CB	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:H	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HA	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HB	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:N	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:O	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:C	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CG	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:H	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:N	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:O	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:C	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:H	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:N	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:O	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:C	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CA	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CB	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:H	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HA	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HB	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:N	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:O	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:C	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CA	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CB	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CE	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CG	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:H	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HA	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HB2	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HB3	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE1	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE2	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE3	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HG2	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HG3	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:N	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:O	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:SD	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:C	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:CA	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:H	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:HA2	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:HA3	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:N	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:O	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:C	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CA	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CB	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CD1	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CG1	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CG2	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:H	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HA	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HB	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD11	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD12	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD13	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG12	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG13	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG21	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG22	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG23	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:N	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:O	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:C	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CA	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CB	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CG	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:H	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HA	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HB2	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HB3	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:N	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:O	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:OD1	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:OD2	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:C	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CA	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CB	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CG1	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CG2	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:H	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HA	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HB	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG11	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG12	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG13	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG21	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG22	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG23	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:N	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:O	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:C	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CA	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CB	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CD1	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CD2	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CE1	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CE2	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CG	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CZ	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:H	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HA	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HB2	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HB3	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HD1	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HD2	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HE1	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HE2	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HZ	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:N	1	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:O	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:C	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CA	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CB	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:H	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HA	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HB	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:N	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:O	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:C	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:H	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:N	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:O	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:C	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:H	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HB3	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:N	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:O	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:C	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CA	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CB	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:H	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HA	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HB	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:N	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:O	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:C	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CA	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CB	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CE	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CG	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:H	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HA	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HB2	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HB3	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE1	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE2	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE3	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HG2	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HG3	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:N	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:O	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:SD	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:C	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:CA	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:H	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:HA2	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:HA3	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:N	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:O	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:C	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CA	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CB	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CD1	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CG1	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CG2	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:H	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HA	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HB	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD11	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD12	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD13	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG12	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG13	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG21	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG22	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG23	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:N	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:O	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:C	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CA	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CB	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CG	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:H	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HA	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HB2	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HB3	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:N	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:O	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:OD1	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:OD2	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:C	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CA	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CB	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CG1	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CG2	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:H	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HA	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HB	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG11	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG12	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG13	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG21	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG22	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG23	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:N	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:O	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:C	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CA	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CB	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CD1	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CD2	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CE1	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CE2	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CG	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CZ	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:H	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HA	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HB2	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HB3	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HD1	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HD2	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HE1	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HE2	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HZ	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:N	1	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:O	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:C	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CA	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CB	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:H	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HA	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HB	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:N	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:O	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:C	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:H	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:N	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:O	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:C	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:H	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:N	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:O	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:C	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CA	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CB	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:H	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HA	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HB	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:N	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:O	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:C	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CA	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CB	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CE	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CG	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:H	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HA	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HB2	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HB3	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE1	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE2	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE3	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HG2	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HG3	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:N	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:O	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:SD	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:C	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:CA	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:H	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:HA2	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:HA3	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:N	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:O	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:C	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CA	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CB	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CD1	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CG1	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CG2	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:H	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HA	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HB	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD11	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD12	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD13	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG12	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG13	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG21	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG22	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG23	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:N	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:O	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:C	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CA	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CB	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CG	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:H	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HA	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HB2	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HB3	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:N	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:O	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:OD1	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:OD2	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:C	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CA	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CB	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CG1	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CG2	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:H	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HA	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HB	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG11	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG12	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG13	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG21	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG22	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG23	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:N	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:O	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:C	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CA	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CB	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CD1	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CD2	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CE1	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CE2	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CG	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CZ	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:H	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HA	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HB2	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HB3	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HD1	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HD2	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HE1	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HE2	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HZ	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:N	1	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:O	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:C	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CA	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CB	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:H	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HA	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HB	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:N	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:O	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:C	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:H	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:N	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:O	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:C	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CG	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:H	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:N	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:O	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:C	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CA	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CB	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:H	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HA	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HB	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:N	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:O	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:C	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CA	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CB	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CE	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CG	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:H	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HA	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HB2	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HB3	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE1	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE2	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE3	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HG2	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HG3	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:N	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:O	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:SD	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:C	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:CA	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:H	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:HA2	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:HA3	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:N	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:O	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:C	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CA	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CB	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CD1	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CG1	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CG2	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:H	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HA	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HB	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD11	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD12	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD13	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG12	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG13	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG21	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG22	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG23	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:N	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:O	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:C	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CA	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CB	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CG	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:H	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HA	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HB2	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HB3	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:N	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:O	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:OD1	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:OD2	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:C	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CA	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CB	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CG1	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CG2	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:H	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HA	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HB	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG11	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG12	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG13	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG21	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG22	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG23	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:N	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:O	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:C	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CA	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CB	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CD1	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CD2	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CE1	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CE2	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CG	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CZ	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:H	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HA	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HB2	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HB3	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HD1	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HD2	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HE1	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HE2	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HZ	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:N	1	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:O	1	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:C	1	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:CA	1	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:CB	1	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:H	1	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:HA	1	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:HB	1	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG23	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:2:THR:N	1	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:O	1	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:C	1	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:H	1	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:N	1	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:O	1	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:C	1	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:H	1	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:N	1	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:O	1	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:C	1	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:CA	1	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:CB	1	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:H	1	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:HA	1	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:HB	1	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG21	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:N	1	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:O	1	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:C	1	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:CA	1	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:CB	1	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:CE	1	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:CG	1	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:H	1	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HA	1	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HB2	1	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HB3	1	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE1	1	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE2	1	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE3	1	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HG2	1	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HG3	1	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:N	1	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:O	1	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:SD	1	5.67
(1,31)	1:C:105:ASN:N	2:B:9:GLY:C	1	5.67
(1,31)	1:C:105:ASN:N	2:B:9:GLY:CA	1	5.67
(1,31)	1:C:105:ASN:N	2:B:9:GLY:H	1	5.67
(1,31)	1:C:105:ASN:N	2:B:9:GLY:HA2	1	5.67
(1,31)	1:C:105:ASN:N	2:B:9:GLY:HA3	1	5.67
(1,31)	1:C:105:ASN:N	2:B:9:GLY:N	1	5.67
(1,31)	1:C:105:ASN:N	2:B:9:GLY:O	1	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:C	1	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CA	1	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CB	1	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CD1	1	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CG1	1	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CG2	1	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:H	1	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HA	1	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HB	1	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD11	1	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD12	1	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD13	1	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG12	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG13	1	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG21	1	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG22	1	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG23	1	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:N	1	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:O	1	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:C	1	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CA	1	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CB	1	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CG	1	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:H	1	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HA	1	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HB2	1	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HB3	1	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:N	1	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:O	1	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:OD1	1	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:OD2	1	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:C	1	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CA	1	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CB	1	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CG1	1	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CG2	1	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:H	1	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HA	1	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HB	1	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG11	1	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG12	1	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG13	1	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG21	1	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG22	1	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG23	1	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:N	1	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:O	1	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:C	1	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CA	1	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CB	1	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CD1	1	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CD2	1	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CE1	1	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CE2	1	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CG	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CZ	1	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:H	1	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HA	1	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HB2	1	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HB3	1	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HD1	1	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HD2	1	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HE1	1	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HE2	1	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HZ	1	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:N	1	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:O	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:C	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CA	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CB	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:H	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HA	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HB	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:N	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:O	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:C	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:H	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:N	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:O	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:C	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:H	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:N	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:O	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:C	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CA	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CB	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:H	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HA	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HB	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:N	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:O	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:C	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CA	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CB	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CE	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CG	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:H	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HA	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HB2	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HB3	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE1	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE2	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE3	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HG2	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HG3	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:N	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:O	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:SD	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:C	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:CA	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:H	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:HA2	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:HA3	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:N	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:O	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:C	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CA	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CB	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CD1	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CG1	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CG2	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:H	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HA	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HB	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD11	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD12	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD13	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG12	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG13	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG21	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG22	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG23	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:N	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:O	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:C	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CA	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CB	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CG	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:H	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HA	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HB2	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HB3	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:N	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:O	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:OD1	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:OD2	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:C	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CA	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CB	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CG1	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CG2	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:H	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HA	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HB	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG11	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG12	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG13	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG21	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG22	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG23	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:N	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:O	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:C	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CA	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CB	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CD1	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CD2	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CE1	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CE2	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CG	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CZ	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:H	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HA	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HB2	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HB3	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HD1	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HD2	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HE1	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HE2	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HZ	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:N	1	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:O	1	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:C	1	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:CA	1	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:CB	1	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:H	1	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:HA	1	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:HB	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:N	1	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:O	1	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:C	1	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:H	1	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:N	1	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:O	1	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:C	1	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:H	1	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:N	1	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:O	1	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:C	1	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:CA	1	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:CB	1	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:H	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:6:THR:HA	1	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:HB	1	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:N	1	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:O	1	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:C	1	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:CA	1	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:CB	1	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:CE	1	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:CG	1	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:H	1	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HA	1	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HB2	1	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HB3	1	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE1	1	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE2	1	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE3	1	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HG2	1	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HG3	1	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:N	1	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:O	1	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:SD	1	5.67
(1,31)	1:C:105:ASN:O	2:B:9:GLY:C	1	5.67
(1,31)	1:C:105:ASN:O	2:B:9:GLY:CA	1	5.67
(1,31)	1:C:105:ASN:O	2:B:9:GLY:H	1	5.67
(1,31)	1:C:105:ASN:O	2:B:9:GLY:HA2	1	5.67
(1,31)	1:C:105:ASN:O	2:B:9:GLY:HA3	1	5.67
(1,31)	1:C:105:ASN:O	2:B:9:GLY:N	1	5.67
(1,31)	1:C:105:ASN:O	2:B:9:GLY:O	1	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:C	1	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CA	1	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CB	1	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CD1	1	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CG1	1	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CG2	1	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:H	1	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HA	1	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HB	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD11	1	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD12	1	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD13	1	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG12	1	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG13	1	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG21	1	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG22	1	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG23	1	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:N	1	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:O	1	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:C	1	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CA	1	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CB	1	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CG	1	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:H	1	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HA	1	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HB2	1	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HB3	1	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:N	1	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:O	1	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:OD1	1	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:OD2	1	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:C	1	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CA	1	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CB	1	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CG1	1	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CG2	1	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:H	1	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HA	1	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HB	1	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG11	1	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG12	1	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG13	1	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG21	1	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG22	1	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG23	1	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:N	1	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:O	1	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:C	1	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CA	1	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CB	1	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CD1	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CD2	1	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CE1	1	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CE2	1	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CG	1	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CZ	1	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:H	1	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HA	1	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HB2	1	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HB3	1	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HD1	1	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HD2	1	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HE1	1	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HE2	1	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HZ	1	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:N	1	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:O	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:C	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CA	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CB	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:H	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HA	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HB	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:N	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:O	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:C	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:H	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:N	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:O	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:C	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CA	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CB	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CD	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CG	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:H	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HA	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HB2	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HB3	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HG2	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HG3	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:N	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:O	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:OE1	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:OE2	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:C	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CA	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CB	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CG2	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:H	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HA	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HB	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG1	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG21	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG22	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG23	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:N	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:O	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:OG1	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:C	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CA	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CB	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CE	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CG	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:H	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HA	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HB2	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HB3	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE1	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE2	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE3	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HG2	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HG3	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:N	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:O	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:SD	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:C	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:CA	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:H	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:HA2	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:HA3	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:N	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:O	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:C	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CA	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CB	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CD1	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CG1	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CG2	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:H	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HA	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HB	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD11	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD12	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD13	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG12	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG13	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG21	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG22	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG23	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:N	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:O	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:C	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CA	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CB	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CG	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:H	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HA	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HB2	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HB3	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:N	1	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:O	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:OD1	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:OD2	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:C	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CA	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CB	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CG1	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CG2	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:H	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HA	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HB	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG11	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG12	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG13	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG21	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG22	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG23	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:N	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:O	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:C	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CA	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CB	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CD1	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CD2	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CE1	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CE2	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CG	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CZ	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:H	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HA	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HB2	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HB3	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HD1	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HD2	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HE1	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HE2	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HZ	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:N	1	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:O	1	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:C	8	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:CA	8	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:CB	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:2:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:H	8	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:HA	8	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:HB	8	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:N	8	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:O	8	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:C	8	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:H	8	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:N	8	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:O	8	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:C	2:B:3:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:C	8	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:H	8	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:N	8	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:O	8	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:C	2:B:5:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:C	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:6:THR:CA	8	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:CB	8	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:H	8	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:HA	8	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:HB	8	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:N	8	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:O	8	5.67
(1,31)	1:C:105:ASN:C	2:B:6:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:C	8	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:CA	8	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:CB	8	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:CE	8	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:CG	8	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:H	8	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HA	8	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HB2	8	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HB3	8	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE1	8	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE2	8	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE3	8	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HG2	8	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:HG3	8	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:N	8	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:O	8	5.67
(1,31)	1:C:105:ASN:C	2:B:8:MET:SD	8	5.67
(1,31)	1:C:105:ASN:C	2:B:9:GLY:C	8	5.67
(1,31)	1:C:105:ASN:C	2:B:9:GLY:CA	8	5.67
(1,31)	1:C:105:ASN:C	2:B:9:GLY:H	8	5.67
(1,31)	1:C:105:ASN:C	2:B:9:GLY:HA2	8	5.67
(1,31)	1:C:105:ASN:C	2:B:9:GLY:HA3	8	5.67
(1,31)	1:C:105:ASN:C	2:B:9:GLY:N	8	5.67
(1,31)	1:C:105:ASN:C	2:B:9:GLY:O	8	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:C	8	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CA	8	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CB	8	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CD1	8	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CG1	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CG2	8	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:H	8	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HA	8	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HB	8	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD11	8	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD12	8	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD13	8	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG12	8	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG13	8	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG21	8	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG22	8	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG23	8	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:N	8	5.67
(1,31)	1:C:105:ASN:C	2:B:12:ILE:O	8	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:C	8	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CA	8	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CB	8	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CG	8	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:H	8	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HA	8	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HB2	8	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HB3	8	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:N	8	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:O	8	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:OD1	8	5.67
(1,31)	1:C:105:ASN:C	2:B:13:ASP:OD2	8	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:C	8	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CA	8	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CB	8	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CG1	8	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CG2	8	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:H	8	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HA	8	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HB	8	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG11	8	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG12	8	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG13	8	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG21	8	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG22	8	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG23	8	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:N	8	5.67
(1,31)	1:C:105:ASN:C	2:B:14:VAL:O	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:15:PHE:C	8	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CA	8	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CB	8	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CD1	8	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CD2	8	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CE1	8	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CE2	8	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CG	8	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CZ	8	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:H	8	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HA	8	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HB2	8	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HB3	8	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HD1	8	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HD2	8	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HE1	8	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HE2	8	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HZ	8	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:N	8	5.67
(1,31)	1:C:105:ASN:C	2:B:15:PHE:O	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:C	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CA	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CB	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:H	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HA	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HB	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:N	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:O	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:2:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:C	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:H	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HB2	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:N	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:O	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:C	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:H	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:N	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:O	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:C	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CA	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CB	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:H	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HA	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HB	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:N	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:O	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:6:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:C	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CA	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CB	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CE	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CG	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:H	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HA	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HB2	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HB3	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE1	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE2	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE3	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HG2	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HG3	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:N	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:O	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:8:MET:SD	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:C	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:CA	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:H	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:HA2	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:HA3	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:N	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:O	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:C	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CA	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CB	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CD1	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CG1	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CG2	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:H	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HA	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HB	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD11	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD12	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD13	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG12	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG13	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG21	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG22	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG23	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:N	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:O	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:C	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CA	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CB	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CG	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:H	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HA	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HB2	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HB3	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:N	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:O	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:OD1	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:OD2	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:C	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CA	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CB	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CG1	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CG2	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:H	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HA	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HB	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG11	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG12	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG13	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG21	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG22	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG23	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:N	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:O	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:C	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CA	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CB	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CD1	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CD2	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CE1	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CE2	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CG	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CZ	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:H	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HA	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HB2	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HB3	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HD1	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HD2	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HE1	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HE2	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HZ	8	5.67
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:N	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:O	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:C	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CA	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CB	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:H	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HA	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HB	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:N	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:O	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:2:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:C	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:H	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:N	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:O	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:C	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:H	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:N	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:O	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:C	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CA	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CB	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:H	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HA	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HB	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:N	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:O	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:6:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:C	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CA	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CB	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CE	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CG	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:H	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HA	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HB2	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HB3	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE1	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE2	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE3	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HG2	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HG3	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:N	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:O	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:8:MET:SD	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:C	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:CA	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:H	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:HA2	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:HA3	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:N	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:O	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:C	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CA	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CB	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CD1	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CG1	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CG2	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:H	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HA	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HB	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD11	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD12	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD13	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG12	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG13	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG21	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG22	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG23	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:N	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:O	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:C	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CA	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CB	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CG	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:H	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HA	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HB2	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HB3	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:N	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:O	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:OD1	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:OD2	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:C	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CA	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CB	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CG1	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CG2	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:H	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HA	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HB	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG11	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG12	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG13	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG21	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG22	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG23	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:N	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:O	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:C	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CA	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CB	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CD1	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CD2	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CE1	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CE2	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CG	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CZ	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:H	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HA	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HB2	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HB3	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HD1	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HD2	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HE1	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HE2	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HZ	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:N	8	5.67
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:O	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:C	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CA	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CB	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:H	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HA	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HB	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:N	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:O	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:2:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:C	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CD	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:H	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:N	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:O	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:C	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:H	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:N	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:O	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:C	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CA	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CB	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:H	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HA	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HB	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:N	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:O	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:6:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:C	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CA	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CB	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CE	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CG	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:H	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HA	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HB2	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HB3	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE1	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE2	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE3	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HG2	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HG3	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:N	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:O	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:8:MET:SD	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:C	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:CA	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:H	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:HA2	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:HA3	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:N	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:O	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:C	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CA	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CB	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CD1	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CG1	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CG2	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:H	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HA	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HB	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD11	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD12	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD13	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG12	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG13	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG21	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG22	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG23	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:N	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:O	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:C	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CA	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CB	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CG	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:H	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HA	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HB2	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HB3	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:N	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:O	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:OD1	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:OD2	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:C	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CA	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CB	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CG1	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CG2	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:H	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HA	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HB	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG11	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG12	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG13	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG21	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG22	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG23	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:N	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:O	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:C	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CA	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CB	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CD1	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CD2	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CE1	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CE2	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CG	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CZ	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:H	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HA	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HB2	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HB3	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HD1	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HD2	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HE1	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HE2	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HZ	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:N	8	5.67
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:O	8	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:C	8	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:CA	8	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:CB	8	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:H	8	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:HA	8	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:HB	8	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:N	8	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:O	8	5.67
(1,31)	1:C:105:ASN:H	2:B:2:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:C	8	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:H	8	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:N	8	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:O	8	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:H	2:B:3:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:C	8	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:H	8	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HB2	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:N	8	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:O	8	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:H	2:B:5:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:C	8	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:CA	8	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:CB	8	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:H	8	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:HA	8	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:HB	8	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:N	8	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:O	8	5.67
(1,31)	1:C:105:ASN:H	2:B:6:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:C	8	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:CA	8	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:CB	8	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:CE	8	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:CG	8	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:H	8	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HA	8	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HB2	8	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HB3	8	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE1	8	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE2	8	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE3	8	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HG2	8	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:HG3	8	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:N	8	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:O	8	5.67
(1,31)	1:C:105:ASN:H	2:B:8:MET:SD	8	5.67
(1,31)	1:C:105:ASN:H	2:B:9:GLY:C	8	5.67
(1,31)	1:C:105:ASN:H	2:B:9:GLY:CA	8	5.67
(1,31)	1:C:105:ASN:H	2:B:9:GLY:H	8	5.67
(1,31)	1:C:105:ASN:H	2:B:9:GLY:HA2	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:9:GLY:HA3	8	5.67
(1,31)	1:C:105:ASN:H	2:B:9:GLY:N	8	5.67
(1,31)	1:C:105:ASN:H	2:B:9:GLY:O	8	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:C	8	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CA	8	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CB	8	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CD1	8	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CG1	8	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CG2	8	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:H	8	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HA	8	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HB	8	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD11	8	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD12	8	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD13	8	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG12	8	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG13	8	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG21	8	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG22	8	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG23	8	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:N	8	5.67
(1,31)	1:C:105:ASN:H	2:B:12:ILE:O	8	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:C	8	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CA	8	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CB	8	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CG	8	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:H	8	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HA	8	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HB2	8	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HB3	8	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:N	8	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:O	8	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:OD1	8	5.67
(1,31)	1:C:105:ASN:H	2:B:13:ASP:OD2	8	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:C	8	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CA	8	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CB	8	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CG1	8	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CG2	8	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:H	8	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HA	8	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HB	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG11	8	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG12	8	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG13	8	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG21	8	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG22	8	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG23	8	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:N	8	5.67
(1,31)	1:C:105:ASN:H	2:B:14:VAL:O	8	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:C	8	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CA	8	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CB	8	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CD1	8	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CD2	8	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CE1	8	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CE2	8	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CG	8	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CZ	8	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:H	8	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HA	8	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HB2	8	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HB3	8	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HD1	8	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HD2	8	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HE1	8	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HE2	8	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HZ	8	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:N	8	5.67
(1,31)	1:C:105:ASN:H	2:B:15:PHE:O	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:C	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CA	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CB	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:H	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HA	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HB	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:N	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:O	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:2:THR:OG1	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:C	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:H	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:N	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:O	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:C	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:H	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:N	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:O	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:C	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CA	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CB	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:H	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HA	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HB	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:N	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:6:THR:O	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:6:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:C	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CA	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CB	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CE	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CG	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:H	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HA	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HB2	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HB3	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE1	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE2	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE3	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HG2	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HG3	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:N	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:O	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:8:MET:SD	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:C	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:CA	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:H	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:HA2	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:HA3	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:N	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:O	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:C	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CA	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CB	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CD1	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CG1	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CG2	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:H	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HA	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HB	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD11	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD12	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD13	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG12	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG13	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG21	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG22	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG23	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:N	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:O	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:C	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CA	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CB	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CG	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:H	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HA	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HB2	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HB3	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:N	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:O	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:OD1	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:OD2	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:C	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CA	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CB	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CG1	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CG2	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:H	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HA	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HB	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG11	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG12	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG13	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG21	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG22	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG23	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:N	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:O	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:C	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CA	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CB	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CD1	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CD2	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CE1	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CE2	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CG	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CZ	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:H	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HA	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HB2	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HB3	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HD1	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HD2	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HE1	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HE2	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HZ	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:N	8	5.67
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:O	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:C	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CA	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CB	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:H	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HA	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HB	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:N	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:O	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:C	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:H	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:N	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:O	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:C	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CD	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:H	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:N	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:O	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:C	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CA	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CB	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:H	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HA	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HB	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:N	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:O	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:C	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CA	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CB	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CE	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CG	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:H	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HA	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HB2	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HB3	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE1	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE2	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE3	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HG2	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HG3	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:N	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:O	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:SD	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:C	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:CA	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:H	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:HA2	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:HA3	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:N	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:O	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:C	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CA	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CB	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CD1	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CG1	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CG2	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:H	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HA	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HB	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD11	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD12	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD13	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG12	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG13	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG21	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG22	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG23	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:N	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:O	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:C	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CA	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CB	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CG	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:H	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HA	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HB2	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HB3	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:N	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:O	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:OD1	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:OD2	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:C	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CA	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CB	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CG1	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CG2	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:H	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HA	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HB	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG11	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG12	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG13	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG21	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG22	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG23	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:N	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:O	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:C	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CA	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CB	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CD1	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CD2	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CE1	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CE2	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CG	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CZ	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:H	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HA	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HB2	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HB3	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HD1	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HD2	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HE1	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HE2	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HZ	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:N	8	5.67
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:O	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:C	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CA	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CB	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:H	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HA	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HB	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG22	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:N	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:O	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:C	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:H	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:N	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:O	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:C	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:H	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:N	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:O	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:C	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CA	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CB	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:H	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HA	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HB	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG1	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:N	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:O	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:C	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CA	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CB	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CE	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CG	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:H	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HA	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HB2	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HB3	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE1	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE2	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE3	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HG2	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HG3	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:N	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:O	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:SD	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:C	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:CA	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:H	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:HA2	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:HA3	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:N	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:O	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:C	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CA	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CB	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CD1	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CG1	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CG2	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:H	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HA	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HB	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD11	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD12	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD13	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG12	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG13	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG21	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG22	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG23	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:N	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:O	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:C	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CA	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CB	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CG	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:H	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HA	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HB2	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HB3	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:N	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:O	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:OD1	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:OD2	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:C	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CA	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CB	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CG1	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CG2	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:H	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HA	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HB	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG11	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG12	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG13	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG21	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG22	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG23	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:N	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:O	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:C	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CA	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CB	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CD1	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CD2	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CE1	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CE2	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CG	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CZ	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:H	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HA	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HB2	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HB3	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HD1	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HD2	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HE1	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HE2	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HZ	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:N	8	5.67
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:O	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:C	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CA	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CB	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:H	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HA	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HB	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:N	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:O	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:C	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:H	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:N	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:O	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:OE2	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:C	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:H	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:N	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:O	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:C	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CA	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CB	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:H	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HA	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HB	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:N	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:O	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:C	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CA	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CB	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CE	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CG	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:H	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HA	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HB2	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HB3	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE1	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE2	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE3	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HG2	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HG3	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:N	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:O	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:SD	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:C	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:CA	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:H	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:HA2	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:HA3	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:N	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:O	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:C	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CA	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CB	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CD1	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CG1	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CG2	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:H	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HA	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HB	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD11	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD12	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD13	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG12	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG13	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG21	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG22	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG23	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:N	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:O	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:C	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CA	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CB	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CG	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:H	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HA	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HB2	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HB3	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:N	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:O	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:OD1	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:OD2	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:C	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CA	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CB	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CG1	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CG2	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:H	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HA	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HB	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG11	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG12	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG13	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG21	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG22	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG23	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:N	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:O	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:C	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CA	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CB	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CD1	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CD2	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CE1	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CE2	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CG	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CZ	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:H	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HA	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HB2	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HB3	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HD1	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HD2	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HE1	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HE2	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HZ	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:N	8	5.67
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:O	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:C	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CA	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CB	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:H	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HA	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HB	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:N	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:O	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:C	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:H	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:N	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:O	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:C	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:H	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:N	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:O	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:C	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CA	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CB	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CG2	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:H	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HA	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HB	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:N	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:O	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:C	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CA	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CB	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CE	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CG	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:H	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HA	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HB2	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HB3	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE1	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE2	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE3	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HG2	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HG3	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:N	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:O	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:SD	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:C	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:CA	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:H	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:HA2	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:HA3	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:N	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:O	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:C	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CA	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CB	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CD1	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CG1	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CG2	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:H	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HA	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HB	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD11	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD12	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD13	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG12	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG13	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG21	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG22	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG23	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:N	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:O	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:C	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CA	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CB	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CG	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:H	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HA	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HB2	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HB3	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:N	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:O	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:OD1	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:OD2	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:C	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CA	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CB	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CG1	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CG2	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:H	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HA	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HB	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG11	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG12	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG13	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG21	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG22	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG23	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:N	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:O	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:C	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CA	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CB	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CD1	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CD2	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CE1	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CE2	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CG	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CZ	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:H	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HA	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HB2	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HB3	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HD1	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HD2	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HE1	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HE2	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HZ	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:N	8	5.67
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:O	8	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:C	8	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:CA	8	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:CB	8	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:H	8	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:HA	8	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:HB	8	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:N	8	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:O	8	5.67
(1,31)	1:C:105:ASN:N	2:B:2:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:C	8	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:H	8	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HG3	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:3:GLU:N	8	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:O	8	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:N	2:B:3:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:C	8	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:H	8	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:N	8	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:O	8	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:N	2:B:5:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:C	8	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:CA	8	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:CB	8	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:H	8	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:HA	8	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:HB	8	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:N	8	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:O	8	5.67
(1,31)	1:C:105:ASN:N	2:B:6:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:C	8	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:CA	8	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:CB	8	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:CE	8	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:CG	8	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:H	8	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HA	8	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HB2	8	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HB3	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE1	8	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE2	8	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE3	8	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HG2	8	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:HG3	8	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:N	8	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:O	8	5.67
(1,31)	1:C:105:ASN:N	2:B:8:MET:SD	8	5.67
(1,31)	1:C:105:ASN:N	2:B:9:GLY:C	8	5.67
(1,31)	1:C:105:ASN:N	2:B:9:GLY:CA	8	5.67
(1,31)	1:C:105:ASN:N	2:B:9:GLY:H	8	5.67
(1,31)	1:C:105:ASN:N	2:B:9:GLY:HA2	8	5.67
(1,31)	1:C:105:ASN:N	2:B:9:GLY:HA3	8	5.67
(1,31)	1:C:105:ASN:N	2:B:9:GLY:N	8	5.67
(1,31)	1:C:105:ASN:N	2:B:9:GLY:O	8	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:C	8	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CA	8	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CB	8	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CD1	8	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CG1	8	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CG2	8	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:H	8	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HA	8	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HB	8	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD11	8	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD12	8	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD13	8	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG12	8	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG13	8	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG21	8	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG22	8	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG23	8	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:N	8	5.67
(1,31)	1:C:105:ASN:N	2:B:12:ILE:O	8	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:C	8	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CA	8	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CB	8	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CG	8	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:H	8	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HA	8	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HB2	8	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HB3	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:13:ASP:N	8	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:O	8	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:OD1	8	5.67
(1,31)	1:C:105:ASN:N	2:B:13:ASP:OD2	8	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:C	8	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CA	8	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CB	8	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CG1	8	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CG2	8	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:H	8	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HA	8	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HB	8	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG11	8	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG12	8	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG13	8	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG21	8	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG22	8	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG23	8	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:N	8	5.67
(1,31)	1:C:105:ASN:N	2:B:14:VAL:O	8	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:C	8	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CA	8	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CB	8	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CD1	8	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CD2	8	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CE1	8	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CE2	8	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CG	8	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CZ	8	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:H	8	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HA	8	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HB2	8	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HB3	8	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HD1	8	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HD2	8	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HE1	8	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HE2	8	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HZ	8	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:N	8	5.67
(1,31)	1:C:105:ASN:N	2:B:15:PHE:O	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:C	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CA	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CB	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:H	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HA	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HB	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:N	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:O	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:C	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:H	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:N	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:O	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:C	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:H	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:N	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:O	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:OE2	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:C	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CA	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CB	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:H	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HA	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HB	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:N	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:O	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:C	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CA	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CB	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CE	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CG	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:H	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HA	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HB2	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HB3	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE1	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE2	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE3	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HG2	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HG3	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:N	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:O	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:SD	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:C	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:CA	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:H	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:HA2	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:HA3	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:N	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:O	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:C	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CA	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CB	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CD1	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CG1	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CG2	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:H	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HA	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HB	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD11	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD12	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD13	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG12	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG13	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG21	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG22	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG23	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:N	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:O	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:C	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CA	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CB	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CG	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:H	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HA	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HB2	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HB3	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:N	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:O	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:OD1	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:OD2	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:C	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CA	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CB	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CG1	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CG2	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:H	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HA	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HB	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG11	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG12	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG13	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG21	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG22	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG23	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:N	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:O	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:C	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CA	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CB	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CD1	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CD2	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CE1	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CE2	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CG	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CZ	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:H	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HA	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HB2	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HB3	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HD1	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HD2	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HE1	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HE2	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HZ	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:N	8	5.67
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:O	8	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:C	8	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:CA	8	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:CB	8	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:H	8	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:HA	8	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:HB	8	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:N	8	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:O	8	5.67
(1,31)	1:C:105:ASN:O	2:B:2:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:C	8	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:H	8	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HA	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:N	8	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:O	8	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:O	2:B:3:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:C	8	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:H	8	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:N	8	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:O	8	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:O	2:B:5:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:C	8	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:CA	8	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:CB	8	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:H	8	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:HA	8	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:HB	8	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:N	8	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:O	8	5.67
(1,31)	1:C:105:ASN:O	2:B:6:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:C	8	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:CA	8	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:CB	8	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:CE	8	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:CG	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:8:MET:H	8	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HA	8	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HB2	8	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HB3	8	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE1	8	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE2	8	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE3	8	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HG2	8	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:HG3	8	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:N	8	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:O	8	5.67
(1,31)	1:C:105:ASN:O	2:B:8:MET:SD	8	5.67
(1,31)	1:C:105:ASN:O	2:B:9:GLY:C	8	5.67
(1,31)	1:C:105:ASN:O	2:B:9:GLY:CA	8	5.67
(1,31)	1:C:105:ASN:O	2:B:9:GLY:H	8	5.67
(1,31)	1:C:105:ASN:O	2:B:9:GLY:HA2	8	5.67
(1,31)	1:C:105:ASN:O	2:B:9:GLY:HA3	8	5.67
(1,31)	1:C:105:ASN:O	2:B:9:GLY:N	8	5.67
(1,31)	1:C:105:ASN:O	2:B:9:GLY:O	8	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:C	8	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CA	8	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CB	8	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CD1	8	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CG1	8	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CG2	8	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:H	8	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HA	8	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HB	8	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD11	8	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD12	8	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD13	8	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG12	8	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG13	8	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG21	8	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG22	8	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG23	8	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:N	8	5.67
(1,31)	1:C:105:ASN:O	2:B:12:ILE:O	8	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:C	8	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CA	8	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CB	8	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CG	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:13:ASP:H	8	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HA	8	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HB2	8	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HB3	8	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:N	8	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:O	8	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:OD1	8	5.67
(1,31)	1:C:105:ASN:O	2:B:13:ASP:OD2	8	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:C	8	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CA	8	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CB	8	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CG1	8	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CG2	8	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:H	8	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HA	8	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HB	8	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG11	8	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG12	8	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG13	8	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG21	8	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG22	8	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG23	8	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:N	8	5.67
(1,31)	1:C:105:ASN:O	2:B:14:VAL:O	8	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:C	8	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CA	8	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CB	8	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CD1	8	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CD2	8	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CE1	8	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CE2	8	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CG	8	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CZ	8	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:H	8	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HA	8	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HB2	8	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HB3	8	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HD1	8	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HD2	8	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HE1	8	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HE2	8	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HZ	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:15:PHE:N	8	5.67
(1,31)	1:C:105:ASN:O	2:B:15:PHE:O	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:C	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CA	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CB	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:H	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HA	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HB	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:N	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:O	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:C	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:H	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HG3	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:N	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:O	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:C	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CA	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CB	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CD	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CG	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:H	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HA	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HB2	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HB3	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HG2	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HG3	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:N	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:O	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:OE1	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:OE2	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:C	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CA	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CB	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CG2	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:H	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HA	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HB	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG1	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG21	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG22	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG23	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:N	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:O	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:OG1	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:C	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CA	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CB	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CE	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CG	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:H	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HA	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HB2	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HB3	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE1	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE2	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE3	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HG2	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HG3	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:N	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:O	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:SD	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:C	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:CA	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:H	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:HA2	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:HA3	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:N	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:O	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:C	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CA	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CB	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CD1	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CG1	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CG2	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:H	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HA	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HB	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD11	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD12	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD13	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG12	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG13	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG21	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG22	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG23	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:N	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:O	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:C	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CA	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CB	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CG	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:H	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HA	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HB2	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HB3	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:N	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:O	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:OD1	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:OD2	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:C	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CA	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CB	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CG1	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CG2	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:H	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HA	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HB	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG11	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG12	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG13	8	5.67

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG21	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG22	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG23	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:N	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:O	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:C	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CA	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CB	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CD1	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CD2	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CE1	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CE2	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CG	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CZ	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:H	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HA	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HB2	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HB3	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HD1	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HD2	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HE1	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HE2	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HZ	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:N	8	5.67
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:O	8	5.67
(1,31)	1:C:105:ASN:C	2:B:2:THR:C	4	5.66
(1,31)	1:C:105:ASN:C	2:B:2:THR:CA	4	5.66
(1,31)	1:C:105:ASN:C	2:B:2:THR:CB	4	5.66
(1,31)	1:C:105:ASN:C	2:B:2:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:C	2:B:2:THR:H	4	5.66
(1,31)	1:C:105:ASN:C	2:B:2:THR:HA	4	5.66
(1,31)	1:C:105:ASN:C	2:B:2:THR:HB	4	5.66
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:C	2:B:2:THR:N	4	5.66
(1,31)	1:C:105:ASN:C	2:B:2:THR:O	4	5.66
(1,31)	1:C:105:ASN:C	2:B:2:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:C	2:B:3:GLU:C	4	5.66
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CB	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:C	2:B:3:GLU:H	4	5.66
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:C	2:B:3:GLU:N	4	5.66
(1,31)	1:C:105:ASN:C	2:B:3:GLU:O	4	5.66
(1,31)	1:C:105:ASN:C	2:B:3:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:C	2:B:3:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:C	2:B:5:GLU:C	4	5.66
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:C	2:B:5:GLU:H	4	5.66
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:C	2:B:5:GLU:N	4	5.66
(1,31)	1:C:105:ASN:C	2:B:5:GLU:O	4	5.66
(1,31)	1:C:105:ASN:C	2:B:5:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:C	2:B:5:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:C	2:B:6:THR:C	4	5.66
(1,31)	1:C:105:ASN:C	2:B:6:THR:CA	4	5.66
(1,31)	1:C:105:ASN:C	2:B:6:THR:CB	4	5.66
(1,31)	1:C:105:ASN:C	2:B:6:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:C	2:B:6:THR:H	4	5.66
(1,31)	1:C:105:ASN:C	2:B:6:THR:HA	4	5.66
(1,31)	1:C:105:ASN:C	2:B:6:THR:HB	4	5.66
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:C	2:B:6:THR:N	4	5.66
(1,31)	1:C:105:ASN:C	2:B:6:THR:O	4	5.66
(1,31)	1:C:105:ASN:C	2:B:6:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:C	2:B:8:MET:C	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:8:MET:CA	4	5.66
(1,31)	1:C:105:ASN:C	2:B:8:MET:CB	4	5.66
(1,31)	1:C:105:ASN:C	2:B:8:MET:CE	4	5.66
(1,31)	1:C:105:ASN:C	2:B:8:MET:CG	4	5.66
(1,31)	1:C:105:ASN:C	2:B:8:MET:H	4	5.66
(1,31)	1:C:105:ASN:C	2:B:8:MET:HA	4	5.66
(1,31)	1:C:105:ASN:C	2:B:8:MET:HB2	4	5.66
(1,31)	1:C:105:ASN:C	2:B:8:MET:HB3	4	5.66
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE1	4	5.66
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE2	4	5.66
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE3	4	5.66
(1,31)	1:C:105:ASN:C	2:B:8:MET:HG2	4	5.66
(1,31)	1:C:105:ASN:C	2:B:8:MET:HG3	4	5.66
(1,31)	1:C:105:ASN:C	2:B:8:MET:N	4	5.66
(1,31)	1:C:105:ASN:C	2:B:8:MET:O	4	5.66
(1,31)	1:C:105:ASN:C	2:B:8:MET:SD	4	5.66
(1,31)	1:C:105:ASN:C	2:B:9:GLY:C	4	5.66
(1,31)	1:C:105:ASN:C	2:B:9:GLY:CA	4	5.66
(1,31)	1:C:105:ASN:C	2:B:9:GLY:H	4	5.66
(1,31)	1:C:105:ASN:C	2:B:9:GLY:HA2	4	5.66
(1,31)	1:C:105:ASN:C	2:B:9:GLY:HA3	4	5.66
(1,31)	1:C:105:ASN:C	2:B:9:GLY:N	4	5.66
(1,31)	1:C:105:ASN:C	2:B:9:GLY:O	4	5.66
(1,31)	1:C:105:ASN:C	2:B:12:ILE:C	4	5.66
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CA	4	5.66
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CB	4	5.66
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CD1	4	5.66
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CG1	4	5.66
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CG2	4	5.66
(1,31)	1:C:105:ASN:C	2:B:12:ILE:H	4	5.66
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HA	4	5.66
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HB	4	5.66
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD11	4	5.66
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD12	4	5.66
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD13	4	5.66
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG12	4	5.66
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG13	4	5.66
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG21	4	5.66
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG22	4	5.66
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG23	4	5.66
(1,31)	1:C:105:ASN:C	2:B:12:ILE:N	4	5.66
(1,31)	1:C:105:ASN:C	2:B:12:ILE:O	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:13:ASP:C	4	5.66
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CA	4	5.66
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CB	4	5.66
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CG	4	5.66
(1,31)	1:C:105:ASN:C	2:B:13:ASP:H	4	5.66
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HA	4	5.66
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HB2	4	5.66
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HB3	4	5.66
(1,31)	1:C:105:ASN:C	2:B:13:ASP:N	4	5.66
(1,31)	1:C:105:ASN:C	2:B:13:ASP:O	4	5.66
(1,31)	1:C:105:ASN:C	2:B:13:ASP:OD1	4	5.66
(1,31)	1:C:105:ASN:C	2:B:13:ASP:OD2	4	5.66
(1,31)	1:C:105:ASN:C	2:B:14:VAL:C	4	5.66
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CA	4	5.66
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CB	4	5.66
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CG1	4	5.66
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CG2	4	5.66
(1,31)	1:C:105:ASN:C	2:B:14:VAL:H	4	5.66
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HA	4	5.66
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HB	4	5.66
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG11	4	5.66
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG12	4	5.66
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG13	4	5.66
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG21	4	5.66
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG22	4	5.66
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG23	4	5.66
(1,31)	1:C:105:ASN:C	2:B:14:VAL:N	4	5.66
(1,31)	1:C:105:ASN:C	2:B:14:VAL:O	4	5.66
(1,31)	1:C:105:ASN:C	2:B:15:PHE:C	4	5.66
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CA	4	5.66
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CB	4	5.66
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CD1	4	5.66
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CD2	4	5.66
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CE1	4	5.66
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CE2	4	5.66
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CG	4	5.66
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CZ	4	5.66
(1,31)	1:C:105:ASN:C	2:B:15:PHE:H	4	5.66
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HA	4	5.66
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HB2	4	5.66
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HB3	4	5.66
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HD1	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HD2	4	5.66
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HE1	4	5.66
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HE2	4	5.66
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HZ	4	5.66
(1,31)	1:C:105:ASN:C	2:B:15:PHE:N	4	5.66
(1,31)	1:C:105:ASN:C	2:B:15:PHE:O	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:2:THR:C	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CA	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CB	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:2:THR:H	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HA	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HB	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:2:THR:N	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:2:THR:O	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:2:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:C	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:H	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:N	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:O	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:C	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:H	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HA	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:N	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:O	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:6:THR:C	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CA	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CB	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:6:THR:H	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HA	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HB	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:6:THR:N	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:6:THR:O	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:6:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:8:MET:C	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CA	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CB	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CE	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CG	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:8:MET:H	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HA	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HB2	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HB3	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE1	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE2	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE3	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HG2	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HG3	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:8:MET:N	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:8:MET:O	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:8:MET:SD	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:C	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:CA	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:H	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:HA2	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:HA3	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:N	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:O	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:C	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CA	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CB	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CD1	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CG1	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CG2	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:H	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HA	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HB	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD11	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD12	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD13	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG12	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG13	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG21	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG22	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG23	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:N	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:O	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:C	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CA	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CB	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CG	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:H	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HA	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HB2	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HB3	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:N	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:O	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:OD1	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:OD2	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:C	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CA	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CB	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CG1	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CG2	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:H	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HA	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HB	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG11	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG12	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG13	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG21	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG22	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG23	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:N	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:O	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:C	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CA	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CB	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CD1	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CD2	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CE1	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CE2	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CG	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CZ	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:H	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HA	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HB2	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HB3	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HD1	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HD2	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HE1	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HE2	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HZ	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:N	4	5.66
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:O	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:2:THR:C	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CA	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CB	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:2:THR:H	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HA	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HB	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:2:THR:N	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:2:THR:O	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:2:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:C	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:H	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:N	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:O	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:C	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:H	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:N	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:O	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:6:THR:C	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CA	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CB	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:6:THR:H	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HA	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HB	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG23	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:6:THR:N	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:6:THR:O	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:6:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:8:MET:C	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CA	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CB	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CE	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CG	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:8:MET:H	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HA	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HB2	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HB3	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE1	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE2	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE3	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HG2	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HG3	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:8:MET:N	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:8:MET:O	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:8:MET:SD	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:C	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:CA	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:H	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:HA2	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:HA3	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:N	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:O	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:C	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CA	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CB	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CD1	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CG1	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CG2	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:H	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HA	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HB	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD11	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD12	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD13	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG12	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG13	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG21	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG22	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG23	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:N	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:O	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:C	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CA	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CB	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CG	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:H	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HA	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HB2	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HB3	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:N	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:O	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:OD1	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:OD2	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:C	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CA	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CB	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CG1	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CG2	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:H	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HA	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HB	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG11	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG12	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG13	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG21	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG22	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG23	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:N	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:O	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:C	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CA	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CB	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CD1	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CD2	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CE1	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CE2	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CG	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CZ	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:H	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HA	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HB2	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HB3	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HD1	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HD2	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HE1	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HE2	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HZ	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:N	4	5.66
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:O	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:2:THR:C	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CA	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CB	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:2:THR:H	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HA	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HB	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:2:THR:N	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:2:THR:O	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:2:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:C	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:H	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:N	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:O	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:C	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CB	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:H	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:N	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:O	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:6:THR:C	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CA	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CB	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:6:THR:H	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HA	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HB	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:6:THR:N	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:6:THR:O	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:6:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:8:MET:C	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CA	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CB	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CE	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CG	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:8:MET:H	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HA	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HB2	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HB3	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE1	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE2	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE3	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HG2	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HG3	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:8:MET:N	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:8:MET:O	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:8:MET:SD	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:C	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:CA	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:H	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:HA2	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:HA3	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:N	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:O	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:C	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CA	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CB	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CD1	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CG1	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CG2	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:H	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HA	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HB	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD11	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD12	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD13	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG12	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG13	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG21	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG22	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG23	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:N	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:O	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:C	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CA	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CB	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CG	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:H	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HA	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HB2	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HB3	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:N	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:O	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:OD1	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:OD2	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:C	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CA	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CB	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CG1	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CG2	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:H	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HA	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HB	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG11	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG12	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG13	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG21	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG22	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG23	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:N	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:O	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:C	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CA	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CB	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CD1	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CD2	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CE1	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CE2	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CG	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CZ	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:H	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HA	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HB2	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HB3	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HD1	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HD2	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HE1	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HE2	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HZ	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:N	4	5.66
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:O	4	5.66
(1,31)	1:C:105:ASN:H	2:B:2:THR:C	4	5.66
(1,31)	1:C:105:ASN:H	2:B:2:THR:CA	4	5.66
(1,31)	1:C:105:ASN:H	2:B:2:THR:CB	4	5.66
(1,31)	1:C:105:ASN:H	2:B:2:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:H	2:B:2:THR:H	4	5.66
(1,31)	1:C:105:ASN:H	2:B:2:THR:HA	4	5.66
(1,31)	1:C:105:ASN:H	2:B:2:THR:HB	4	5.66
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG21	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:H	2:B:2:THR:N	4	5.66
(1,31)	1:C:105:ASN:H	2:B:2:THR:O	4	5.66
(1,31)	1:C:105:ASN:H	2:B:2:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:H	2:B:3:GLU:C	4	5.66
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:H	2:B:3:GLU:H	4	5.66
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:H	2:B:3:GLU:N	4	5.66
(1,31)	1:C:105:ASN:H	2:B:3:GLU:O	4	5.66
(1,31)	1:C:105:ASN:H	2:B:3:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:H	2:B:3:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:H	2:B:5:GLU:C	4	5.66
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:H	2:B:5:GLU:H	4	5.66
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:H	2:B:5:GLU:N	4	5.66
(1,31)	1:C:105:ASN:H	2:B:5:GLU:O	4	5.66
(1,31)	1:C:105:ASN:H	2:B:5:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:H	2:B:5:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:H	2:B:6:THR:C	4	5.66
(1,31)	1:C:105:ASN:H	2:B:6:THR:CA	4	5.66
(1,31)	1:C:105:ASN:H	2:B:6:THR:CB	4	5.66
(1,31)	1:C:105:ASN:H	2:B:6:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:H	2:B:6:THR:H	4	5.66
(1,31)	1:C:105:ASN:H	2:B:6:THR:HA	4	5.66
(1,31)	1:C:105:ASN:H	2:B:6:THR:HB	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:H	2:B:6:THR:N	4	5.66
(1,31)	1:C:105:ASN:H	2:B:6:THR:O	4	5.66
(1,31)	1:C:105:ASN:H	2:B:6:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:H	2:B:8:MET:C	4	5.66
(1,31)	1:C:105:ASN:H	2:B:8:MET:CA	4	5.66
(1,31)	1:C:105:ASN:H	2:B:8:MET:CB	4	5.66
(1,31)	1:C:105:ASN:H	2:B:8:MET:CE	4	5.66
(1,31)	1:C:105:ASN:H	2:B:8:MET:CG	4	5.66
(1,31)	1:C:105:ASN:H	2:B:8:MET:H	4	5.66
(1,31)	1:C:105:ASN:H	2:B:8:MET:HA	4	5.66
(1,31)	1:C:105:ASN:H	2:B:8:MET:HB2	4	5.66
(1,31)	1:C:105:ASN:H	2:B:8:MET:HB3	4	5.66
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE1	4	5.66
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE2	4	5.66
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE3	4	5.66
(1,31)	1:C:105:ASN:H	2:B:8:MET:HG2	4	5.66
(1,31)	1:C:105:ASN:H	2:B:8:MET:HG3	4	5.66
(1,31)	1:C:105:ASN:H	2:B:8:MET:N	4	5.66
(1,31)	1:C:105:ASN:H	2:B:8:MET:O	4	5.66
(1,31)	1:C:105:ASN:H	2:B:8:MET:SD	4	5.66
(1,31)	1:C:105:ASN:H	2:B:9:GLY:C	4	5.66
(1,31)	1:C:105:ASN:H	2:B:9:GLY:CA	4	5.66
(1,31)	1:C:105:ASN:H	2:B:9:GLY:H	4	5.66
(1,31)	1:C:105:ASN:H	2:B:9:GLY:HA2	4	5.66
(1,31)	1:C:105:ASN:H	2:B:9:GLY:HA3	4	5.66
(1,31)	1:C:105:ASN:H	2:B:9:GLY:N	4	5.66
(1,31)	1:C:105:ASN:H	2:B:9:GLY:O	4	5.66
(1,31)	1:C:105:ASN:H	2:B:12:ILE:C	4	5.66
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CA	4	5.66
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CB	4	5.66
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CD1	4	5.66
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CG1	4	5.66
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CG2	4	5.66
(1,31)	1:C:105:ASN:H	2:B:12:ILE:H	4	5.66
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HA	4	5.66
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HB	4	5.66
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD11	4	5.66
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD12	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD13	4	5.66
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG12	4	5.66
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG13	4	5.66
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG21	4	5.66
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG22	4	5.66
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG23	4	5.66
(1,31)	1:C:105:ASN:H	2:B:12:ILE:N	4	5.66
(1,31)	1:C:105:ASN:H	2:B:12:ILE:O	4	5.66
(1,31)	1:C:105:ASN:H	2:B:13:ASP:C	4	5.66
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CA	4	5.66
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CB	4	5.66
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CG	4	5.66
(1,31)	1:C:105:ASN:H	2:B:13:ASP:H	4	5.66
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HA	4	5.66
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HB2	4	5.66
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HB3	4	5.66
(1,31)	1:C:105:ASN:H	2:B:13:ASP:N	4	5.66
(1,31)	1:C:105:ASN:H	2:B:13:ASP:O	4	5.66
(1,31)	1:C:105:ASN:H	2:B:13:ASP:OD1	4	5.66
(1,31)	1:C:105:ASN:H	2:B:13:ASP:OD2	4	5.66
(1,31)	1:C:105:ASN:H	2:B:14:VAL:C	4	5.66
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CA	4	5.66
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CB	4	5.66
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CG1	4	5.66
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CG2	4	5.66
(1,31)	1:C:105:ASN:H	2:B:14:VAL:H	4	5.66
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HA	4	5.66
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HB	4	5.66
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG11	4	5.66
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG12	4	5.66
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG13	4	5.66
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG21	4	5.66
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG22	4	5.66
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG23	4	5.66
(1,31)	1:C:105:ASN:H	2:B:14:VAL:N	4	5.66
(1,31)	1:C:105:ASN:H	2:B:14:VAL:O	4	5.66
(1,31)	1:C:105:ASN:H	2:B:15:PHE:C	4	5.66
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CA	4	5.66
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CB	4	5.66
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CD1	4	5.66
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CD2	4	5.66
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CE1	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CE2	4	5.66
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CG	4	5.66
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CZ	4	5.66
(1,31)	1:C:105:ASN:H	2:B:15:PHE:H	4	5.66
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HA	4	5.66
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HB2	4	5.66
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HB3	4	5.66
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HD1	4	5.66
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HD2	4	5.66
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HE1	4	5.66
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HE2	4	5.66
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HZ	4	5.66
(1,31)	1:C:105:ASN:H	2:B:15:PHE:N	4	5.66
(1,31)	1:C:105:ASN:H	2:B:15:PHE:O	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:2:THR:C	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CA	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CB	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:2:THR:H	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HA	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HB	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:2:THR:N	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:2:THR:O	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:2:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:C	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:H	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:N	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:O	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:OE1	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:C	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:H	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:N	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:O	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:6:THR:C	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CA	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CB	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:6:THR:H	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HA	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HB	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:6:THR:N	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:6:THR:O	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:6:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:8:MET:C	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CA	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CB	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CE	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CG	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:8:MET:H	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HA	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HB2	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HB3	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE1	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE2	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE3	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HG2	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HG3	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:8:MET:N	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:8:MET:O	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:8:MET:SD	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:C	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:CA	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:H	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:HA2	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:HA3	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:N	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:O	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:C	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CA	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CB	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CD1	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CG1	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CG2	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:H	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HA	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HB	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD11	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD12	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD13	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG12	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG13	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG21	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG22	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG23	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:N	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:O	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:C	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CA	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CB	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CG	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:H	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HA	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HB2	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HB3	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:N	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:O	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:OD1	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:OD2	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:C	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CA	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CB	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CG1	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CG2	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:H	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HA	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HB	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG11	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG12	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG13	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG21	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG22	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG23	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:N	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:O	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:C	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CA	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CB	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CD1	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CD2	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CE1	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CE2	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CG	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CZ	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:H	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HA	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HB2	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HB3	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HD1	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HD2	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HE1	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HE2	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HZ	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:N	4	5.66
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:O	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:C	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CA	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CB	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:H	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HA	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HB	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:N	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:O	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:C	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:H	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:N	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:O	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:C	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:H	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:N	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:O	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:C	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CA	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CB	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:H	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HA	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HB	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:N	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:O	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:C	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CA	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CB	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CE	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CG	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:H	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HA	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HB2	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HB3	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE1	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE2	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE3	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HG2	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HG3	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:N	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:O	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:SD	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:C	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:CA	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:H	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:HA2	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:HA3	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:N	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:O	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:C	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CA	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CB	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CD1	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CG1	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CG2	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:H	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HA	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HB	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD11	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD12	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD13	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG12	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG13	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG21	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG22	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG23	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:N	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:O	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:C	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CA	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CB	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CG	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:H	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HA	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HB2	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HB3	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:N	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:O	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:OD1	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:OD2	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:C	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CA	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CB	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CG1	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CG2	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:H	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HA	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HB	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG11	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG12	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG13	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG21	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG22	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG23	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:N	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:O	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:C	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CA	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CB	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CD1	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CD2	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CE1	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CE2	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CG	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CZ	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:H	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HA	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HB2	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HB3	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HD1	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HD2	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HE1	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HE2	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HZ	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:N	4	5.66
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:O	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:C	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CA	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CB	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:H	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HA	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HB	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:N	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:O	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:C	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:H	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HG2	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:N	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:O	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:C	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:H	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:N	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:O	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:C	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CA	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CB	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:H	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HA	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HB	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:N	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:O	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:C	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CA	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CB	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CE	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CG	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:H	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HA	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HB2	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HB3	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE1	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE2	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE3	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HG2	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HG3	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:N	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:O	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:SD	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:C	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:CA	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:H	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:HA2	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:HA3	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:N	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:O	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:C	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CA	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CB	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CD1	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CG1	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CG2	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:H	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HA	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HB	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD11	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD12	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD13	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG12	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG13	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG21	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG22	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG23	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:N	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:O	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:C	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CA	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CB	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CG	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:H	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HA	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HB2	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HB3	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:N	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:O	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:OD1	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:OD2	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:C	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CA	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CB	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CG1	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CG2	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:H	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HA	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HB	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG11	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG12	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG13	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG21	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG22	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG23	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:N	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:O	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:C	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CA	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CB	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CD1	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CD2	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CE1	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CE2	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CG	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CZ	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:H	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HA	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HB2	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HB3	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HD1	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HD2	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HE1	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HE2	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HZ	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:N	4	5.66
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:O	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:C	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CA	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CB	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:H	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HA	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HB	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:N	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:O	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:C	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:H	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:N	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:O	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:C	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:H	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:N	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:O	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:OE1	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:C	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CA	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CB	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:H	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HA	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HB	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:N	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:O	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:C	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CA	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CB	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CE	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CG	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:H	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HA	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HB2	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HB3	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE1	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE2	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE3	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HG2	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HG3	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:N	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:O	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:SD	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:C	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:CA	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:H	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:HA2	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:HA3	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:N	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:O	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:C	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CA	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CB	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CD1	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CG1	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CG2	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:H	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HA	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HB	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD11	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD12	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD13	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG12	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG13	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG21	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG22	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG23	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:N	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:O	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:C	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CA	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CB	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CG	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:H	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HA	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HB2	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HB3	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:N	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:O	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:OD1	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:OD2	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:C	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CA	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CB	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CG1	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CG2	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:H	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HA	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HB	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG11	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG12	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG13	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG21	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG22	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG23	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:N	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:O	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:C	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CA	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CB	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CD1	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CD2	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CE1	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CE2	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CG	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CZ	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:H	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HA	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HB2	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HB3	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HD1	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HD2	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HE1	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HE2	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HZ	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:N	4	5.66
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:O	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:C	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CA	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CB	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:H	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HA	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HB	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:N	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:O	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:C	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:H	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:N	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:O	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:C	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:H	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:N	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:O	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:C	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CA	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CB	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:H	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HA	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HB	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:N	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:O	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:C	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CA	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CB	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CE	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CG	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:H	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HA	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HB2	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HB3	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE1	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE2	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE3	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HG2	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HG3	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:N	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:O	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:SD	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:C	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:CA	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:H	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:HA2	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:HA3	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:N	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:O	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:C	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CA	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CB	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CD1	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CG1	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CG2	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:H	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HA	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HB	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD11	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD12	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD13	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG12	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG13	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG21	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG22	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG23	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:N	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:O	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:C	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CA	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CB	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CG	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:H	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HA	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HB2	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HB3	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:N	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:O	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:OD1	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:OD2	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:C	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CA	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CB	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CG1	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CG2	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:H	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HA	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HB	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG11	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG12	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG13	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG21	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG22	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG23	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:N	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:O	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:C	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CA	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CB	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CD1	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CD2	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CE1	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CE2	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CG	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CZ	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:H	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HA	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HB2	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HB3	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HD1	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HD2	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HE1	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HE2	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HZ	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:N	4	5.66
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:O	4	5.66
(1,31)	1:C:105:ASN:N	2:B:2:THR:C	4	5.66
(1,31)	1:C:105:ASN:N	2:B:2:THR:CA	4	5.66
(1,31)	1:C:105:ASN:N	2:B:2:THR:CB	4	5.66
(1,31)	1:C:105:ASN:N	2:B:2:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:N	2:B:2:THR:H	4	5.66
(1,31)	1:C:105:ASN:N	2:B:2:THR:HA	4	5.66
(1,31)	1:C:105:ASN:N	2:B:2:THR:HB	4	5.66
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:N	2:B:2:THR:N	4	5.66
(1,31)	1:C:105:ASN:N	2:B:2:THR:O	4	5.66
(1,31)	1:C:105:ASN:N	2:B:2:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:N	2:B:3:GLU:C	4	5.66
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:N	2:B:3:GLU:H	4	5.66
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:N	2:B:3:GLU:N	4	5.66
(1,31)	1:C:105:ASN:N	2:B:3:GLU:O	4	5.66
(1,31)	1:C:105:ASN:N	2:B:3:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:N	2:B:3:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:N	2:B:5:GLU:C	4	5.66
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:N	2:B:5:GLU:H	4	5.66
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HG2	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:N	2:B:5:GLU:N	4	5.66
(1,31)	1:C:105:ASN:N	2:B:5:GLU:O	4	5.66
(1,31)	1:C:105:ASN:N	2:B:5:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:N	2:B:5:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:N	2:B:6:THR:C	4	5.66
(1,31)	1:C:105:ASN:N	2:B:6:THR:CA	4	5.66
(1,31)	1:C:105:ASN:N	2:B:6:THR:CB	4	5.66
(1,31)	1:C:105:ASN:N	2:B:6:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:N	2:B:6:THR:H	4	5.66
(1,31)	1:C:105:ASN:N	2:B:6:THR:HA	4	5.66
(1,31)	1:C:105:ASN:N	2:B:6:THR:HB	4	5.66
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:N	2:B:6:THR:N	4	5.66
(1,31)	1:C:105:ASN:N	2:B:6:THR:O	4	5.66
(1,31)	1:C:105:ASN:N	2:B:6:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:N	2:B:8:MET:C	4	5.66
(1,31)	1:C:105:ASN:N	2:B:8:MET:CA	4	5.66
(1,31)	1:C:105:ASN:N	2:B:8:MET:CB	4	5.66
(1,31)	1:C:105:ASN:N	2:B:8:MET:CE	4	5.66
(1,31)	1:C:105:ASN:N	2:B:8:MET:CG	4	5.66
(1,31)	1:C:105:ASN:N	2:B:8:MET:H	4	5.66
(1,31)	1:C:105:ASN:N	2:B:8:MET:HA	4	5.66
(1,31)	1:C:105:ASN:N	2:B:8:MET:HB2	4	5.66
(1,31)	1:C:105:ASN:N	2:B:8:MET:HB3	4	5.66
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE1	4	5.66
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE2	4	5.66
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE3	4	5.66
(1,31)	1:C:105:ASN:N	2:B:8:MET:HG2	4	5.66
(1,31)	1:C:105:ASN:N	2:B:8:MET:HG3	4	5.66
(1,31)	1:C:105:ASN:N	2:B:8:MET:N	4	5.66
(1,31)	1:C:105:ASN:N	2:B:8:MET:O	4	5.66
(1,31)	1:C:105:ASN:N	2:B:8:MET:SD	4	5.66
(1,31)	1:C:105:ASN:N	2:B:9:GLY:C	4	5.66
(1,31)	1:C:105:ASN:N	2:B:9:GLY:CA	4	5.66
(1,31)	1:C:105:ASN:N	2:B:9:GLY:H	4	5.66
(1,31)	1:C:105:ASN:N	2:B:9:GLY:HA2	4	5.66
(1,31)	1:C:105:ASN:N	2:B:9:GLY:HA3	4	5.66
(1,31)	1:C:105:ASN:N	2:B:9:GLY:N	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:9:GLY:O	4	5.66
(1,31)	1:C:105:ASN:N	2:B:12:ILE:C	4	5.66
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CA	4	5.66
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CB	4	5.66
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CD1	4	5.66
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CG1	4	5.66
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CG2	4	5.66
(1,31)	1:C:105:ASN:N	2:B:12:ILE:H	4	5.66
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HA	4	5.66
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HB	4	5.66
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD11	4	5.66
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD12	4	5.66
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD13	4	5.66
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG12	4	5.66
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG13	4	5.66
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG21	4	5.66
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG22	4	5.66
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG23	4	5.66
(1,31)	1:C:105:ASN:N	2:B:12:ILE:N	4	5.66
(1,31)	1:C:105:ASN:N	2:B:12:ILE:O	4	5.66
(1,31)	1:C:105:ASN:N	2:B:13:ASP:C	4	5.66
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CA	4	5.66
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CB	4	5.66
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CG	4	5.66
(1,31)	1:C:105:ASN:N	2:B:13:ASP:H	4	5.66
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HA	4	5.66
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HB2	4	5.66
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HB3	4	5.66
(1,31)	1:C:105:ASN:N	2:B:13:ASP:N	4	5.66
(1,31)	1:C:105:ASN:N	2:B:13:ASP:O	4	5.66
(1,31)	1:C:105:ASN:N	2:B:13:ASP:OD1	4	5.66
(1,31)	1:C:105:ASN:N	2:B:13:ASP:OD2	4	5.66
(1,31)	1:C:105:ASN:N	2:B:14:VAL:C	4	5.66
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CA	4	5.66
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CB	4	5.66
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CG1	4	5.66
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CG2	4	5.66
(1,31)	1:C:105:ASN:N	2:B:14:VAL:H	4	5.66
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HA	4	5.66
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HB	4	5.66
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG11	4	5.66
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG12	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG13	4	5.66
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG21	4	5.66
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG22	4	5.66
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG23	4	5.66
(1,31)	1:C:105:ASN:N	2:B:14:VAL:N	4	5.66
(1,31)	1:C:105:ASN:N	2:B:14:VAL:O	4	5.66
(1,31)	1:C:105:ASN:N	2:B:15:PHE:C	4	5.66
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CA	4	5.66
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CB	4	5.66
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CD1	4	5.66
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CD2	4	5.66
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CE1	4	5.66
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CE2	4	5.66
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CG	4	5.66
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CZ	4	5.66
(1,31)	1:C:105:ASN:N	2:B:15:PHE:H	4	5.66
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HA	4	5.66
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HB2	4	5.66
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HB3	4	5.66
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HD1	4	5.66
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HD2	4	5.66
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HE1	4	5.66
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HE2	4	5.66
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HZ	4	5.66
(1,31)	1:C:105:ASN:N	2:B:15:PHE:N	4	5.66
(1,31)	1:C:105:ASN:N	2:B:15:PHE:O	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:C	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CA	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CB	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:H	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HA	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HB	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:N	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:O	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:C	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CA	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:H	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:N	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:O	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:C	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:H	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:N	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:O	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:C	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CA	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CB	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:H	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HA	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HB	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:N	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:O	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:OG1	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:C	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CA	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CB	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CE	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CG	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:H	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HA	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HB2	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HB3	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE1	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE2	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE3	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HG2	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HG3	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:N	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:O	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:SD	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:C	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:CA	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:H	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:HA2	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:HA3	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:N	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:O	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:C	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CA	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CB	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CD1	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CG1	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CG2	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:H	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HA	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HB	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD11	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD12	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD13	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG12	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG13	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG21	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG22	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG23	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:N	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:O	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:C	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CA	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CB	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CG	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:H	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HA	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HB2	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HB3	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:N	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:O	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:OD1	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:OD2	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:C	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CA	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CB	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CG1	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CG2	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:H	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HA	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HB	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG11	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG12	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG13	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG21	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG22	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG23	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:N	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:O	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:C	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CA	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CB	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CD1	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CD2	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CE1	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CE2	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CG	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CZ	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:H	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HA	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HB2	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HB3	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HD1	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HD2	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HE1	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HE2	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HZ	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:N	4	5.66
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:O	4	5.66
(1,31)	1:C:105:ASN:O	2:B:2:THR:C	4	5.66
(1,31)	1:C:105:ASN:O	2:B:2:THR:CA	4	5.66
(1,31)	1:C:105:ASN:O	2:B:2:THR:CB	4	5.66
(1,31)	1:C:105:ASN:O	2:B:2:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:O	2:B:2:THR:H	4	5.66
(1,31)	1:C:105:ASN:O	2:B:2:THR:HA	4	5.66
(1,31)	1:C:105:ASN:O	2:B:2:THR:HB	4	5.66
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:O	2:B:2:THR:N	4	5.66
(1,31)	1:C:105:ASN:O	2:B:2:THR:O	4	5.66
(1,31)	1:C:105:ASN:O	2:B:2:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:O	2:B:3:GLU:C	4	5.66
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:O	2:B:3:GLU:H	4	5.66
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:O	2:B:3:GLU:N	4	5.66
(1,31)	1:C:105:ASN:O	2:B:3:GLU:O	4	5.66
(1,31)	1:C:105:ASN:O	2:B:3:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:O	2:B:3:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:O	2:B:5:GLU:C	4	5.66
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:O	2:B:5:GLU:H	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:O	2:B:5:GLU:N	4	5.66
(1,31)	1:C:105:ASN:O	2:B:5:GLU:O	4	5.66
(1,31)	1:C:105:ASN:O	2:B:5:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:O	2:B:5:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:O	2:B:6:THR:C	4	5.66
(1,31)	1:C:105:ASN:O	2:B:6:THR:CA	4	5.66
(1,31)	1:C:105:ASN:O	2:B:6:THR:CB	4	5.66
(1,31)	1:C:105:ASN:O	2:B:6:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:O	2:B:6:THR:H	4	5.66
(1,31)	1:C:105:ASN:O	2:B:6:THR:HA	4	5.66
(1,31)	1:C:105:ASN:O	2:B:6:THR:HB	4	5.66
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:O	2:B:6:THR:N	4	5.66
(1,31)	1:C:105:ASN:O	2:B:6:THR:O	4	5.66
(1,31)	1:C:105:ASN:O	2:B:6:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:O	2:B:8:MET:C	4	5.66
(1,31)	1:C:105:ASN:O	2:B:8:MET:CA	4	5.66
(1,31)	1:C:105:ASN:O	2:B:8:MET:CB	4	5.66
(1,31)	1:C:105:ASN:O	2:B:8:MET:CE	4	5.66
(1,31)	1:C:105:ASN:O	2:B:8:MET:CG	4	5.66
(1,31)	1:C:105:ASN:O	2:B:8:MET:H	4	5.66
(1,31)	1:C:105:ASN:O	2:B:8:MET:HA	4	5.66
(1,31)	1:C:105:ASN:O	2:B:8:MET:HB2	4	5.66
(1,31)	1:C:105:ASN:O	2:B:8:MET:HB3	4	5.66
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE1	4	5.66
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE2	4	5.66
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE3	4	5.66
(1,31)	1:C:105:ASN:O	2:B:8:MET:HG2	4	5.66
(1,31)	1:C:105:ASN:O	2:B:8:MET:HG3	4	5.66
(1,31)	1:C:105:ASN:O	2:B:8:MET:N	4	5.66
(1,31)	1:C:105:ASN:O	2:B:8:MET:O	4	5.66
(1,31)	1:C:105:ASN:O	2:B:8:MET:SD	4	5.66
(1,31)	1:C:105:ASN:O	2:B:9:GLY:C	4	5.66
(1,31)	1:C:105:ASN:O	2:B:9:GLY:CA	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:9:GLY:H	4	5.66
(1,31)	1:C:105:ASN:O	2:B:9:GLY:HA2	4	5.66
(1,31)	1:C:105:ASN:O	2:B:9:GLY:HA3	4	5.66
(1,31)	1:C:105:ASN:O	2:B:9:GLY:N	4	5.66
(1,31)	1:C:105:ASN:O	2:B:9:GLY:O	4	5.66
(1,31)	1:C:105:ASN:O	2:B:12:ILE:C	4	5.66
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CA	4	5.66
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CB	4	5.66
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CD1	4	5.66
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CG1	4	5.66
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CG2	4	5.66
(1,31)	1:C:105:ASN:O	2:B:12:ILE:H	4	5.66
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HA	4	5.66
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HB	4	5.66
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD11	4	5.66
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD12	4	5.66
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD13	4	5.66
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG12	4	5.66
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG13	4	5.66
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG21	4	5.66
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG22	4	5.66
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG23	4	5.66
(1,31)	1:C:105:ASN:O	2:B:12:ILE:N	4	5.66
(1,31)	1:C:105:ASN:O	2:B:12:ILE:O	4	5.66
(1,31)	1:C:105:ASN:O	2:B:13:ASP:C	4	5.66
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CA	4	5.66
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CB	4	5.66
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CG	4	5.66
(1,31)	1:C:105:ASN:O	2:B:13:ASP:H	4	5.66
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HA	4	5.66
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HB2	4	5.66
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HB3	4	5.66
(1,31)	1:C:105:ASN:O	2:B:13:ASP:N	4	5.66
(1,31)	1:C:105:ASN:O	2:B:13:ASP:O	4	5.66
(1,31)	1:C:105:ASN:O	2:B:13:ASP:OD1	4	5.66
(1,31)	1:C:105:ASN:O	2:B:13:ASP:OD2	4	5.66
(1,31)	1:C:105:ASN:O	2:B:14:VAL:C	4	5.66
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CA	4	5.66
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CB	4	5.66
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CG1	4	5.66
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CG2	4	5.66
(1,31)	1:C:105:ASN:O	2:B:14:VAL:H	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HA	4	5.66
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HB	4	5.66
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG11	4	5.66
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG12	4	5.66
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG13	4	5.66
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG21	4	5.66
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG22	4	5.66
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG23	4	5.66
(1,31)	1:C:105:ASN:O	2:B:14:VAL:N	4	5.66
(1,31)	1:C:105:ASN:O	2:B:14:VAL:O	4	5.66
(1,31)	1:C:105:ASN:O	2:B:15:PHE:C	4	5.66
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CA	4	5.66
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CB	4	5.66
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CD1	4	5.66
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CD2	4	5.66
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CE1	4	5.66
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CE2	4	5.66
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CG	4	5.66
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CZ	4	5.66
(1,31)	1:C:105:ASN:O	2:B:15:PHE:H	4	5.66
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HA	4	5.66
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HB2	4	5.66
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HB3	4	5.66
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HD1	4	5.66
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HD2	4	5.66
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HE1	4	5.66
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HE2	4	5.66
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HZ	4	5.66
(1,31)	1:C:105:ASN:O	2:B:15:PHE:N	4	5.66
(1,31)	1:C:105:ASN:O	2:B:15:PHE:O	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:C	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CA	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CB	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:H	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HA	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HB	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG22	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:N	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:O	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:C	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:H	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:N	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:O	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:C	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CA	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CB	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CD	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CG	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:H	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HA	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HB2	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HB3	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HG2	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HG3	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:N	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:O	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:OE1	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:OE2	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:C	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CA	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CB	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CG2	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:H	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HA	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HB	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG1	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG21	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG22	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG23	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:N	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:O	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:OG1	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:C	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CA	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CB	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CE	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CG	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:H	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HA	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HB2	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HB3	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE1	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE2	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE3	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HG2	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HG3	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:N	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:O	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:SD	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:C	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:CA	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:H	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:HA2	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:HA3	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:N	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:O	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:C	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CA	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CB	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CD1	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CG1	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CG2	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:H	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HA	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HB	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD11	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD12	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD13	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG12	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG13	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG21	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG22	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG23	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:N	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:O	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:C	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CA	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CB	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CG	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:H	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HA	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HB2	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HB3	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:N	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:O	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:OD1	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:OD2	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:C	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CA	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CB	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CG1	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CG2	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:H	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HA	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HB	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG11	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG12	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG13	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG21	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG22	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG23	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:N	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:O	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:C	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CA	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CB	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CD1	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CD2	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CE1	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CE2	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CG	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CZ	4	5.66

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:H	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HA	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HB2	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HB3	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HD1	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HD2	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HE1	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HE2	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HZ	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:N	4	5.66
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:O	4	5.66
(1,31)	1:C:105:ASN:C	2:B:2:THR:C	5	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:CA	5	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:CB	5	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:H	5	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:HA	5	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:HB	5	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:N	5	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:O	5	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:C	5	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:H	5	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:N	5	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:O	5	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:C	5	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CA	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:H	5	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:N	5	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:O	5	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:C	5	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:CA	5	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:CB	5	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:H	5	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:HA	5	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:HB	5	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:N	5	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:O	5	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:C	5	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:CA	5	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:CB	5	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:CE	5	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:CG	5	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:H	5	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:HA	5	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:HB2	5	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:HB3	5	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE1	5	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE2	5	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE3	5	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:HG2	5	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:HG3	5	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:N	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:8:MET:O	5	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:SD	5	5.65
(1,31)	1:C:105:ASN:C	2:B:9:GLY:C	5	5.65
(1,31)	1:C:105:ASN:C	2:B:9:GLY:CA	5	5.65
(1,31)	1:C:105:ASN:C	2:B:9:GLY:H	5	5.65
(1,31)	1:C:105:ASN:C	2:B:9:GLY:HA2	5	5.65
(1,31)	1:C:105:ASN:C	2:B:9:GLY:HA3	5	5.65
(1,31)	1:C:105:ASN:C	2:B:9:GLY:N	5	5.65
(1,31)	1:C:105:ASN:C	2:B:9:GLY:O	5	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:C	5	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CA	5	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CB	5	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CD1	5	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CG1	5	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CG2	5	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:H	5	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HA	5	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HB	5	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD11	5	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD12	5	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD13	5	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG12	5	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG13	5	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG21	5	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG22	5	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG23	5	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:N	5	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:O	5	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:C	5	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CA	5	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CB	5	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CG	5	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:H	5	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HA	5	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HB2	5	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HB3	5	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:N	5	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:O	5	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:OD1	5	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:OD2	5	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:C	5	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CA	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CB	5	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CG1	5	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CG2	5	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:H	5	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HA	5	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HB	5	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG11	5	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG12	5	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG13	5	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG21	5	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG22	5	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG23	5	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:N	5	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:O	5	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:C	5	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CA	5	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CB	5	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CD1	5	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CD2	5	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CE1	5	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CE2	5	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CG	5	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CZ	5	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:H	5	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HA	5	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HB2	5	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HB3	5	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HD1	5	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HD2	5	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HE1	5	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HE2	5	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HZ	5	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:N	5	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:O	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:C	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CA	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CB	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:H	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HA	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HB	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG1	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:N	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:O	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:C	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:H	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:N	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:O	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:C	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:H	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:N	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:O	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:C	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CA	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CB	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:H	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HA	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HB	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:N	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:O	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:C	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CA	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CB	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CE	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CG	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:H	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HA	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HB2	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HB3	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE1	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE2	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE3	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HG2	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HG3	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:N	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:O	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:SD	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:C	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:CA	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:H	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:HA2	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:HA3	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:N	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:O	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:C	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CA	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CB	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CD1	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CG1	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CG2	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:H	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HA	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HB	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD11	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD12	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD13	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG12	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG13	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG21	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG22	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG23	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:N	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:O	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:C	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CA	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CB	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CG	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:H	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HA	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HB2	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HB3	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:N	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:O	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:OD1	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:OD2	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:C	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CA	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CB	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CG1	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CG2	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:H	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HA	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HB	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG11	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG12	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG13	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG21	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG22	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG23	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:N	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:O	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:C	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CA	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CB	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CD1	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CD2	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CE1	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CE2	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CG	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CZ	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:H	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HA	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HB2	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HB3	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HD1	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HD2	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HE1	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HE2	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HZ	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:N	5	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:O	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:C	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CA	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CB	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:H	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HA	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HB	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:N	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:O	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:C	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:H	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:N	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:O	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:C	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:H	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:N	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:O	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:C	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CA	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CB	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:H	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HA	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HB	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:N	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:O	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:C	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CA	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CB	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CE	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CG	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:H	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HA	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HB2	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HB3	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE1	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE2	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE3	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HG2	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HG3	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:N	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:O	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:SD	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:C	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:CA	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:H	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:HA2	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:HA3	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:N	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:O	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:C	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CA	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CB	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CD1	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CG1	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CG2	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:H	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HA	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HB	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD11	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD12	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD13	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG12	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG13	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG21	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG22	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG23	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:N	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:O	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:C	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CA	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CB	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CG	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:H	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HA	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HB2	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HB3	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:N	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:O	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:OD1	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:OD2	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:C	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CA	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CB	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CG1	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CG2	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:H	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HA	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HB	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG11	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG12	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG13	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG21	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG22	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG23	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:N	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:O	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:C	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CA	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CB	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CD1	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CD2	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CE1	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CE2	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CG	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CZ	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:H	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HA	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HB2	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HB3	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HD1	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HD2	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HE1	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HE2	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HZ	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:N	5	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:O	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:C	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CA	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CB	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CG2	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:2:THR:H	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HA	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HB	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:N	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:O	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:C	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:H	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:N	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:O	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:C	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:H	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:N	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:O	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:C	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CA	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CB	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:H	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HA	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HB	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:N	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:O	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:C	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CA	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CB	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CE	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CG	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:H	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HA	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HB2	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HB3	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE1	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE2	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE3	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HG2	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HG3	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:N	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:O	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:SD	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:C	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:CA	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:H	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:HA2	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:HA3	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:N	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:O	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:C	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CA	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CB	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CD1	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CG1	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CG2	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:H	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HA	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HB	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD11	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD12	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD13	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG12	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG13	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG21	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG22	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG23	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:N	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:O	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:C	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CA	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CB	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CG	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:H	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HA	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HB2	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HB3	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:N	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:O	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:OD1	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:OD2	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:C	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CA	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CB	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CG1	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CG2	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:H	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HA	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HB	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG11	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG12	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG13	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG21	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG22	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG23	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:N	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:O	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:C	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CA	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CB	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CD1	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CD2	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CE1	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CE2	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CG	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CZ	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:H	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HA	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HB2	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HB3	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HD1	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HD2	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HE1	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HE2	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HZ	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:N	5	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:O	5	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:C	5	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:CA	5	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:CB	5	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:H	5	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:HA	5	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:HB	5	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:N	5	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:O	5	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:C	5	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:H	5	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HB3	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:N	5	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:O	5	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:C	5	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:H	5	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:N	5	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:O	5	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:C	5	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:CA	5	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:CB	5	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:H	5	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:HA	5	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:HB	5	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:N	5	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:O	5	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:C	5	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:CA	5	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:CB	5	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:CE	5	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:CG	5	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:H	5	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:HA	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:8:MET:HB2	5	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:HB3	5	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE1	5	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE2	5	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE3	5	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:HG2	5	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:HG3	5	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:N	5	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:O	5	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:SD	5	5.65
(1,31)	1:C:105:ASN:H	2:B:9:GLY:C	5	5.65
(1,31)	1:C:105:ASN:H	2:B:9:GLY:CA	5	5.65
(1,31)	1:C:105:ASN:H	2:B:9:GLY:H	5	5.65
(1,31)	1:C:105:ASN:H	2:B:9:GLY:HA2	5	5.65
(1,31)	1:C:105:ASN:H	2:B:9:GLY:HA3	5	5.65
(1,31)	1:C:105:ASN:H	2:B:9:GLY:N	5	5.65
(1,31)	1:C:105:ASN:H	2:B:9:GLY:O	5	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:C	5	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CA	5	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CB	5	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CD1	5	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CG1	5	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CG2	5	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:H	5	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HA	5	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HB	5	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD11	5	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD12	5	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD13	5	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG12	5	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG13	5	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG21	5	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG22	5	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG23	5	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:N	5	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:O	5	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:C	5	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CA	5	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CB	5	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CG	5	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:H	5	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HA	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HB2	5	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HB3	5	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:N	5	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:O	5	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:OD1	5	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:OD2	5	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:C	5	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CA	5	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CB	5	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CG1	5	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CG2	5	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:H	5	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HA	5	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HB	5	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG11	5	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG12	5	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG13	5	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG21	5	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG22	5	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG23	5	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:N	5	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:O	5	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:C	5	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CA	5	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CB	5	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CD1	5	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CD2	5	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CE1	5	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CE2	5	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CG	5	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CZ	5	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:H	5	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HA	5	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HB2	5	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HB3	5	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HD1	5	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HD2	5	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HE1	5	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HE2	5	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HZ	5	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:N	5	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:O	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:2:THR:C	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CA	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CB	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:H	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HA	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HB	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:N	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:O	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:C	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:H	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:N	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:O	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:C	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:H	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:N	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:O	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:C	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CA	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CB	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:H	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HA	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HB	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:N	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:O	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:C	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CA	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CB	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CE	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CG	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:H	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HA	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HB2	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HB3	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE1	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE2	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE3	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HG2	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HG3	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:N	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:O	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:SD	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:C	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:CA	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:H	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:HA2	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:HA3	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:N	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:O	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:C	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CA	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CB	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CD1	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CG1	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CG2	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:H	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HA	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HB	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD11	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD12	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD13	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG12	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG13	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG21	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG22	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG23	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:N	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:O	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:C	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CA	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CB	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CG	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:H	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HA	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HB2	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HB3	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:N	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:O	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:OD1	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:OD2	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:C	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CA	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CB	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CG1	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CG2	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:H	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HA	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HB	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG11	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG12	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG13	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG21	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG22	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG23	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:N	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:O	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:C	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CA	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CB	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CD1	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CD2	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CE1	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CE2	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CG	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CZ	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:H	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HA	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HB2	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HB3	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HD1	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HD2	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HE1	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HE2	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HZ	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:N	5	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:O	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:C	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CA	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CB	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:H	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HA	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HB	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:N	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:O	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:C	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CG	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:H	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:N	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:O	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:C	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:H	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:N	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:O	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:C	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CA	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CB	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:H	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HA	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HB	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:N	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:O	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:C	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CA	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CB	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CE	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CG	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:H	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HA	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HB2	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HB3	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE1	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE2	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE3	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HG2	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HG3	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:N	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:O	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:SD	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:C	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:CA	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:H	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:HA2	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:HA3	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:N	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:O	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:C	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CA	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CB	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CD1	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CG1	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CG2	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:H	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HA	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HB	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD11	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD12	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD13	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG12	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG13	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG21	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG22	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG23	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:N	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:O	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:C	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CA	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CB	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CG	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:H	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HA	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HB2	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HB3	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:N	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:O	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:OD1	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:OD2	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:C	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CA	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CB	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CG1	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CG2	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:H	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HA	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HB	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG11	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG12	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG13	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG21	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG22	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG23	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:N	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:O	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:C	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CA	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CB	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CD1	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CD2	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CE1	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CE2	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CG	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CZ	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:H	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HA	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HB2	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HB3	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HD1	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HD2	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HE1	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HE2	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HZ	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:N	5	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:O	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:C	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CA	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CB	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:H	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HA	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HB	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:N	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:O	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:C	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:H	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:N	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:O	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:C	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:H	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HB3	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:N	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:O	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:C	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CA	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CB	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:H	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HA	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HB	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:N	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:O	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:C	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CA	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CB	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CE	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CG	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:H	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HA	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HB2	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HB3	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE1	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE2	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE3	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HG2	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HG3	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:N	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:O	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:SD	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:C	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:CA	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:H	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:HA2	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:HA3	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:N	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:O	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:C	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CA	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CB	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CD1	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CG1	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CG2	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:H	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HA	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HB	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD11	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD12	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD13	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG12	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG13	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG21	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG22	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG23	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:N	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:O	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:C	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CA	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CB	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CG	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:H	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HA	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HB2	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HB3	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:N	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:O	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:OD1	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:OD2	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:C	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CA	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CB	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CG1	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CG2	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:H	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HA	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HB	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG11	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG12	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG13	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG21	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG22	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG23	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:N	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:O	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:C	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CA	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CB	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CD1	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CD2	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CE1	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CE2	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CG	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CZ	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:H	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HA	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HB2	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HB3	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HD1	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HD2	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HE1	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HE2	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HZ	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:N	5	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:O	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:C	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CA	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CB	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:H	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HA	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HB	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:N	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:O	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:C	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:H	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:N	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:O	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:C	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:H	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:N	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:O	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:C	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CA	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CB	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:H	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HA	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HB	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:N	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:O	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:C	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CA	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CB	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CE	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CG	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:H	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HA	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HB2	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HB3	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE1	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE2	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE3	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HG2	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HG3	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:N	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:O	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:SD	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:C	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:CA	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:H	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:HA2	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:HA3	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:N	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:O	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:C	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CA	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CB	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CD1	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CG1	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CG2	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:H	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HA	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HB	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD11	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD12	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD13	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG12	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG13	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG21	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG22	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG23	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:N	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:O	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:C	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CA	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CB	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CG	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:H	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HA	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HB2	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HB3	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:N	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:O	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:OD1	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:OD2	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:C	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CA	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CB	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CG1	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CG2	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:H	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HA	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HB	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG11	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG12	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG13	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG21	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG22	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG23	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:N	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:O	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:C	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CA	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CB	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CD1	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CD2	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CE1	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CE2	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CG	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CZ	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:H	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HA	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HB2	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HB3	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HD1	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HD2	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HE1	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HE2	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HZ	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:N	5	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:O	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:C	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CA	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CB	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:H	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HA	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HB	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:N	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:O	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:C	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:H	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:N	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:O	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:C	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CG	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:H	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:N	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:O	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:C	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CA	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CB	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:H	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HA	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HB	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:N	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:O	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:C	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CA	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CB	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CE	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CG	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:H	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HA	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HB2	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HB3	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE1	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE2	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE3	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HG2	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HG3	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:N	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:O	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:SD	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:C	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:CA	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:H	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:HA2	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:HA3	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:N	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:O	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:C	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CA	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CB	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CD1	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CG1	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CG2	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:H	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HA	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HB	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD11	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD12	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD13	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG12	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG13	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG21	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG22	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG23	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:N	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:O	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:C	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CA	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CB	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CG	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:H	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HA	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HB2	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HB3	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:N	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:O	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:OD1	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:OD2	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:C	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CA	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CB	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CG1	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CG2	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:H	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HA	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HB	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG11	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG12	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG13	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG21	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG22	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG23	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:N	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:O	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:C	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CA	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CB	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CD1	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CD2	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CE1	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CE2	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CG	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CZ	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:H	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HA	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HB2	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HB3	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HD1	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HD2	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HE1	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HE2	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HZ	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:N	5	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:O	5	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:C	5	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:CA	5	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:CB	5	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:H	5	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:HA	5	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:HB	5	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG23	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:2:THR:N	5	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:O	5	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:C	5	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:H	5	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:N	5	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:O	5	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:C	5	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:H	5	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:N	5	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:O	5	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:C	5	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:CA	5	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:CB	5	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:H	5	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:HA	5	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:HB	5	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG21	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:N	5	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:O	5	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:C	5	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:CA	5	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:CB	5	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:CE	5	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:CG	5	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:H	5	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:HA	5	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:HB2	5	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:HB3	5	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE1	5	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE2	5	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE3	5	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:HG2	5	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:HG3	5	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:N	5	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:O	5	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:SD	5	5.65
(1,31)	1:C:105:ASN:N	2:B:9:GLY:C	5	5.65
(1,31)	1:C:105:ASN:N	2:B:9:GLY:CA	5	5.65
(1,31)	1:C:105:ASN:N	2:B:9:GLY:H	5	5.65
(1,31)	1:C:105:ASN:N	2:B:9:GLY:HA2	5	5.65
(1,31)	1:C:105:ASN:N	2:B:9:GLY:HA3	5	5.65
(1,31)	1:C:105:ASN:N	2:B:9:GLY:N	5	5.65
(1,31)	1:C:105:ASN:N	2:B:9:GLY:O	5	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:C	5	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CA	5	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CB	5	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CD1	5	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CG1	5	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CG2	5	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:H	5	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HA	5	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HB	5	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD11	5	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD12	5	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD13	5	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG12	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG13	5	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG21	5	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG22	5	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG23	5	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:N	5	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:O	5	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:C	5	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CA	5	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CB	5	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CG	5	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:H	5	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HA	5	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HB2	5	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HB3	5	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:N	5	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:O	5	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:OD1	5	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:OD2	5	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:C	5	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CA	5	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CB	5	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CG1	5	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CG2	5	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:H	5	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HA	5	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HB	5	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG11	5	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG12	5	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG13	5	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG21	5	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG22	5	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG23	5	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:N	5	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:O	5	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:C	5	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CA	5	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CB	5	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CD1	5	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CD2	5	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CE1	5	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CE2	5	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CG	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CZ	5	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:H	5	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HA	5	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HB2	5	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HB3	5	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HD1	5	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HD2	5	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HE1	5	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HE2	5	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HZ	5	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:N	5	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:O	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:C	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CA	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CB	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:H	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HA	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HB	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:N	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:O	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:C	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:H	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:N	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:O	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:C	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:H	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:N	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:O	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:C	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CA	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CB	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:H	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HA	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HB	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:N	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:O	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:C	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CA	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CB	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CE	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CG	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:H	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HA	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HB2	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HB3	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE1	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE2	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE3	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HG2	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HG3	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:N	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:O	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:SD	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:C	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:CA	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:H	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:HA2	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:HA3	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:N	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:O	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:C	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CA	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CB	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CD1	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CG1	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CG2	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:H	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HA	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HB	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD11	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD12	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD13	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG12	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG13	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG21	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG22	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG23	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:N	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:O	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:C	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CA	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CB	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CG	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:H	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HA	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HB2	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HB3	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:N	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:O	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:OD1	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:OD2	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:C	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CA	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CB	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CG1	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CG2	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:H	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HA	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HB	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG11	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG12	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG13	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG21	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG22	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG23	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:N	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:O	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:C	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CA	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CB	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CD1	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CD2	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CE1	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CE2	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CG	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CZ	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:H	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HA	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HB2	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HB3	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HD1	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HD2	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HE1	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HE2	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HZ	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:N	5	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:O	5	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:C	5	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:CA	5	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:CB	5	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:H	5	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:HA	5	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:HB	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:N	5	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:O	5	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:C	5	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:H	5	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:N	5	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:O	5	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:C	5	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:H	5	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:N	5	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:O	5	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:C	5	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:CA	5	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:CB	5	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:H	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:6:THR:HA	5	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:HB	5	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:N	5	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:O	5	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:C	5	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:CA	5	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:CB	5	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:CE	5	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:CG	5	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:H	5	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:HA	5	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:HB2	5	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:HB3	5	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE1	5	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE2	5	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE3	5	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:HG2	5	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:HG3	5	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:N	5	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:O	5	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:SD	5	5.65
(1,31)	1:C:105:ASN:O	2:B:9:GLY:C	5	5.65
(1,31)	1:C:105:ASN:O	2:B:9:GLY:CA	5	5.65
(1,31)	1:C:105:ASN:O	2:B:9:GLY:H	5	5.65
(1,31)	1:C:105:ASN:O	2:B:9:GLY:HA2	5	5.65
(1,31)	1:C:105:ASN:O	2:B:9:GLY:HA3	5	5.65
(1,31)	1:C:105:ASN:O	2:B:9:GLY:N	5	5.65
(1,31)	1:C:105:ASN:O	2:B:9:GLY:O	5	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:C	5	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CA	5	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CB	5	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CD1	5	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CG1	5	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CG2	5	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:H	5	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HA	5	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HB	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD11	5	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD12	5	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD13	5	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG12	5	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG13	5	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG21	5	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG22	5	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG23	5	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:N	5	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:O	5	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:C	5	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CA	5	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CB	5	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CG	5	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:H	5	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HA	5	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HB2	5	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HB3	5	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:N	5	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:O	5	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:OD1	5	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:OD2	5	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:C	5	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CA	5	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CB	5	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CG1	5	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CG2	5	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:H	5	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HA	5	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HB	5	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG11	5	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG12	5	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG13	5	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG21	5	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG22	5	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG23	5	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:N	5	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:O	5	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:C	5	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CA	5	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CB	5	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CD1	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CD2	5	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CE1	5	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CE2	5	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CG	5	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CZ	5	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:H	5	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HA	5	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HB2	5	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HB3	5	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HD1	5	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HD2	5	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HE1	5	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HE2	5	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HZ	5	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:N	5	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:O	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:C	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CA	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CB	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:H	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HA	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HB	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:N	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:O	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:C	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:H	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:N	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:O	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:C	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CA	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CB	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CD	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CG	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:H	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HA	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HB2	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HB3	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HG2	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HG3	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:N	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:O	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:OE1	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:OE2	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:C	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CA	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CB	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CG2	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:H	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HA	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HB	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG1	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG21	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG22	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG23	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:N	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:O	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:OG1	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:C	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CA	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CB	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CE	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CG	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:H	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HA	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HB2	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HB3	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE1	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE2	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE3	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HG2	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HG3	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:N	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:O	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:SD	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:C	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:CA	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:H	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:HA2	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:HA3	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:N	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:O	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:C	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CA	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CB	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CD1	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CG1	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CG2	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:H	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HA	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HB	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD11	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD12	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD13	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG12	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG13	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG21	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG22	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG23	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:N	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:O	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:C	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CA	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CB	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CG	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:H	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HA	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HB2	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HB3	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:N	5	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:O	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:OD1	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:OD2	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:C	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CA	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CB	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CG1	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CG2	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:H	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HA	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HB	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG11	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG12	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG13	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG21	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG22	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG23	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:N	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:O	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:C	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CA	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CB	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CD1	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CD2	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CE1	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CE2	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CG	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CZ	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:H	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HA	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HB2	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HB3	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HD1	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HD2	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HE1	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HE2	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HZ	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:N	5	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:O	5	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:C	9	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:CA	9	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:CB	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:2:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:H	9	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:HA	9	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:HB	9	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:N	9	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:O	9	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:C	9	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:H	9	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:N	9	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:O	9	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:C	2:B:3:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:C	9	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:H	9	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:N	9	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:O	9	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:C	2:B:5:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:C	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:6:THR:CA	9	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:CB	9	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:H	9	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:HA	9	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:HB	9	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:N	9	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:O	9	5.65
(1,31)	1:C:105:ASN:C	2:B:6:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:C	9	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:CA	9	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:CB	9	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:CE	9	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:CG	9	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:H	9	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:HA	9	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:HB2	9	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:HB3	9	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE1	9	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE2	9	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:HE3	9	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:HG2	9	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:HG3	9	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:N	9	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:O	9	5.65
(1,31)	1:C:105:ASN:C	2:B:8:MET:SD	9	5.65
(1,31)	1:C:105:ASN:C	2:B:9:GLY:C	9	5.65
(1,31)	1:C:105:ASN:C	2:B:9:GLY:CA	9	5.65
(1,31)	1:C:105:ASN:C	2:B:9:GLY:H	9	5.65
(1,31)	1:C:105:ASN:C	2:B:9:GLY:HA2	9	5.65
(1,31)	1:C:105:ASN:C	2:B:9:GLY:HA3	9	5.65
(1,31)	1:C:105:ASN:C	2:B:9:GLY:N	9	5.65
(1,31)	1:C:105:ASN:C	2:B:9:GLY:O	9	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:C	9	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CA	9	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CB	9	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CD1	9	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CG1	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:12:ILE:CG2	9	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:H	9	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HA	9	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HB	9	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD11	9	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD12	9	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HD13	9	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG12	9	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG13	9	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG21	9	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG22	9	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:HG23	9	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:N	9	5.65
(1,31)	1:C:105:ASN:C	2:B:12:ILE:O	9	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:C	9	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CA	9	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CB	9	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:CG	9	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:H	9	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HA	9	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HB2	9	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:HB3	9	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:N	9	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:O	9	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:OD1	9	5.65
(1,31)	1:C:105:ASN:C	2:B:13:ASP:OD2	9	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:C	9	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CA	9	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CB	9	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CG1	9	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:CG2	9	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:H	9	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HA	9	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HB	9	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG11	9	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG12	9	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG13	9	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG21	9	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG22	9	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:HG23	9	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:N	9	5.65
(1,31)	1:C:105:ASN:C	2:B:14:VAL:O	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:C	2:B:15:PHE:C	9	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CA	9	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CB	9	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CD1	9	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CD2	9	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CE1	9	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CE2	9	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CG	9	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:CZ	9	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:H	9	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HA	9	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HB2	9	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HB3	9	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HD1	9	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HD2	9	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HE1	9	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HE2	9	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:HZ	9	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:N	9	5.65
(1,31)	1:C:105:ASN:C	2:B:15:PHE:O	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:C	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CA	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CB	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:H	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HA	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HB	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:N	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:O	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:2:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:C	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:H	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HB2	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:N	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:O	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:3:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:C	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:H	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:N	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:O	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:5:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:C	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CA	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CB	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:H	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HA	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HB	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:N	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:O	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:6:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:C	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CA	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CB	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CE	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:CG	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:H	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HA	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HB2	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HB3	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE1	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE2	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HE3	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HG2	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:HG3	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:N	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:O	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:8:MET:SD	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:C	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:CA	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:H	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:HA2	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:HA3	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:N	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:9:GLY:O	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:C	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CA	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CB	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CD1	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CG1	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:CG2	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:H	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HA	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HB	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD11	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD12	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HD13	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG12	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG13	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG21	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG22	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:HG23	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:N	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:12:ILE:O	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:C	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CA	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CB	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:CG	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:H	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HA	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HB2	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:HB3	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:N	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:O	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:OD1	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:13:ASP:OD2	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:C	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CA	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CB	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CG1	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:CG2	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:H	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HA	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HB	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG11	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG12	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG13	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG21	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG22	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:HG23	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:N	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:14:VAL:O	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:C	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CA	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CB	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CD1	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CD2	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CE1	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CE2	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CG	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:CZ	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:H	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HA	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HB2	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HB3	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HD1	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HD2	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HE1	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HE2	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:HZ	9	5.65
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:N	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CA	2:B:15:PHE:O	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:C	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CA	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CB	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:H	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HA	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HB	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:N	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:O	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:2:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:C	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:H	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:N	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:O	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:3:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:C	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:H	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:N	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:O	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:5:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:C	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CA	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CB	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:H	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HA	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HB	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:N	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:O	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:6:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:C	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CA	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CB	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CE	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:CG	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:H	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HA	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HB2	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HB3	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE1	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE2	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HE3	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HG2	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:HG3	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:N	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:O	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:8:MET:SD	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:C	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:CA	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:H	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:HA2	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:HA3	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:N	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:9:GLY:O	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:C	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CA	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CB	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CD1	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CG1	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:CG2	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:H	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HA	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HB	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD11	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD12	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HD13	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG12	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG13	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG21	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG22	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:HG23	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:N	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:12:ILE:O	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:C	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CA	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CB	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:CG	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:H	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HA	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HB2	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:HB3	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:N	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:O	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:OD1	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:13:ASP:OD2	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:C	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CA	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CB	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CG1	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:CG2	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:H	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HA	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HB	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG11	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG12	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG13	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG21	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG22	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:HG23	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:N	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:14:VAL:O	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:C	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CA	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CB	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CD1	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CD2	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CE1	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CE2	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CG	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:CZ	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:H	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HA	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HB2	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HB3	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HD1	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HD2	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HE1	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HE2	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:HZ	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:N	9	5.65
(1,31)	1:C:105:ASN:CB	2:B:15:PHE:O	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:C	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CA	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CB	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:H	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HA	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HB	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:N	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:O	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:2:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:C	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CD	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:H	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:N	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:O	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:3:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:C	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:H	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:N	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:O	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:5:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:C	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CA	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CB	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:H	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HA	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HB	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:N	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:O	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:6:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:C	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CA	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CB	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CE	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:CG	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:H	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HA	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HB2	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HB3	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE1	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE2	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HE3	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HG2	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:HG3	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:N	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:O	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:8:MET:SD	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:C	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:CA	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:H	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:HA2	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:HA3	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:N	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:9:GLY:O	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:C	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CA	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CB	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CD1	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CG1	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:CG2	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:H	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HA	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HB	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD11	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD12	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HD13	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG12	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG13	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG21	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG22	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:HG23	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:N	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:12:ILE:O	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:C	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CA	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CB	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:CG	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:H	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HA	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HB2	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:HB3	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:N	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:O	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:OD1	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:13:ASP:OD2	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:C	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CA	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CB	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CG1	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:CG2	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:H	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HA	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HB	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG11	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG12	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG13	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG21	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG22	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:HG23	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:N	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:14:VAL:O	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:C	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CA	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CB	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CD1	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CD2	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CE1	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CE2	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CG	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:CZ	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:H	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HA	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HB2	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HB3	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HD1	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HD2	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HE1	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HE2	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:HZ	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:N	9	5.65
(1,31)	1:C:105:ASN:CG	2:B:15:PHE:O	9	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:C	9	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:CA	9	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:CB	9	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:H	9	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:HA	9	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:HB	9	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:N	9	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:O	9	5.65
(1,31)	1:C:105:ASN:H	2:B:2:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:C	9	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:H	9	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:N	9	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:O	9	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:H	2:B:3:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:C	9	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:H	9	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HB2	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:N	9	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:O	9	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:H	2:B:5:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:C	9	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:CA	9	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:CB	9	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:H	9	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:HA	9	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:HB	9	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:N	9	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:O	9	5.65
(1,31)	1:C:105:ASN:H	2:B:6:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:C	9	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:CA	9	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:CB	9	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:CE	9	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:CG	9	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:H	9	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:HA	9	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:HB2	9	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:HB3	9	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE1	9	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE2	9	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:HE3	9	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:HG2	9	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:HG3	9	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:N	9	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:O	9	5.65
(1,31)	1:C:105:ASN:H	2:B:8:MET:SD	9	5.65
(1,31)	1:C:105:ASN:H	2:B:9:GLY:C	9	5.65
(1,31)	1:C:105:ASN:H	2:B:9:GLY:CA	9	5.65
(1,31)	1:C:105:ASN:H	2:B:9:GLY:H	9	5.65
(1,31)	1:C:105:ASN:H	2:B:9:GLY:HA2	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:9:GLY:HA3	9	5.65
(1,31)	1:C:105:ASN:H	2:B:9:GLY:N	9	5.65
(1,31)	1:C:105:ASN:H	2:B:9:GLY:O	9	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:C	9	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CA	9	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CB	9	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CD1	9	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CG1	9	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:CG2	9	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:H	9	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HA	9	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HB	9	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD11	9	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD12	9	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HD13	9	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG12	9	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG13	9	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG21	9	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG22	9	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:HG23	9	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:N	9	5.65
(1,31)	1:C:105:ASN:H	2:B:12:ILE:O	9	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:C	9	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CA	9	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CB	9	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:CG	9	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:H	9	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HA	9	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HB2	9	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:HB3	9	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:N	9	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:O	9	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:OD1	9	5.65
(1,31)	1:C:105:ASN:H	2:B:13:ASP:OD2	9	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:C	9	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CA	9	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CB	9	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CG1	9	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:CG2	9	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:H	9	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HA	9	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HB	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG11	9	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG12	9	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG13	9	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG21	9	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG22	9	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:HG23	9	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:N	9	5.65
(1,31)	1:C:105:ASN:H	2:B:14:VAL:O	9	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:C	9	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CA	9	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CB	9	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CD1	9	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CD2	9	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CE1	9	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CE2	9	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CG	9	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:CZ	9	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:H	9	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HA	9	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HB2	9	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HB3	9	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HD1	9	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HD2	9	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HE1	9	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HE2	9	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:HZ	9	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:N	9	5.65
(1,31)	1:C:105:ASN:H	2:B:15:PHE:O	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:C	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CA	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CB	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:H	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HA	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HB	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:N	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:O	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:2:THR:OG1	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:C	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:H	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:N	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:O	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:3:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:C	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:H	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:N	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:O	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:5:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:C	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CA	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CB	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:H	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HA	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HB	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:N	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:6:THR:O	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:6:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:C	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CA	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CB	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CE	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:CG	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:H	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HA	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HB2	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HB3	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE1	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE2	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HE3	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HG2	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:HG3	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:N	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:O	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:8:MET:SD	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:C	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:CA	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:H	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:HA2	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:HA3	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:N	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:9:GLY:O	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:C	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CA	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CB	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CD1	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CG1	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:CG2	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:H	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HA	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HB	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD11	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD12	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HD13	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG12	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG13	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG21	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG22	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:HG23	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:N	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:12:ILE:O	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:C	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CA	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CB	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:CG	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:H	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HA	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HB2	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:HB3	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:N	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:O	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:OD1	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:13:ASP:OD2	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:C	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CA	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CB	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CG1	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:CG2	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:H	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HA	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HB	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG11	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG12	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG13	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG21	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG22	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:HG23	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:N	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:14:VAL:O	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:C	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CA	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CB	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CD1	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CD2	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CE1	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CE2	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CG	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:CZ	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:H	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HA	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HB2	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HB3	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HD1	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HD2	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HE1	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HE2	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:HZ	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:N	9	5.65
(1,31)	1:C:105:ASN:HA	2:B:15:PHE:O	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:C	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CA	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CB	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:H	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HA	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HB	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:N	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:O	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:2:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:C	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:H	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:N	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:O	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:3:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:C	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CD	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:H	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:N	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:O	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:5:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:C	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CA	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CB	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:H	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HA	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HB	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:N	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:O	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:6:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:C	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CA	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CB	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CE	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:CG	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:H	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HA	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HB2	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HB3	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE1	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE2	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HE3	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HG2	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:HG3	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:N	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:O	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:8:MET:SD	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:C	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:CA	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:H	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:HA2	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:HA3	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:N	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:9:GLY:O	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:C	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CA	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CB	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CD1	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CG1	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:CG2	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:H	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HA	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HB	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD11	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD12	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HD13	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG12	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG13	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG21	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG22	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:HG23	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:N	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:12:ILE:O	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:C	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CA	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CB	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:CG	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:H	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HA	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HB2	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:HB3	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:N	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:O	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:OD1	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:13:ASP:OD2	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:C	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CA	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CB	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CG1	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:CG2	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:H	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HA	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HB	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG11	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG12	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG13	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG21	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG22	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:HG23	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:N	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:14:VAL:O	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:C	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CA	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CB	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CD1	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CD2	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CE1	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CE2	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CG	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:CZ	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:H	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HA	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HB2	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HB3	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HD1	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HD2	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HE1	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HE2	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:HZ	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:N	9	5.65
(1,31)	1:C:105:ASN:HB2	2:B:15:PHE:O	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:C	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CA	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CB	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:H	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HA	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HB	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG22	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:N	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:O	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:2:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:C	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:H	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:N	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:O	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:3:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:C	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:H	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:N	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:O	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:5:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:C	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CA	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CB	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:H	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HA	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HB	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG1	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:N	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:O	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:6:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:C	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CA	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CB	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CE	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:CG	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:H	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HA	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HB2	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HB3	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE1	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE2	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HE3	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HG2	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:HG3	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:N	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:O	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:8:MET:SD	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:C	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:CA	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:H	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:HA2	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:HA3	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:N	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:9:GLY:O	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:C	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CA	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CB	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CD1	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CG1	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:CG2	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:H	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HA	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HB	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD11	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD12	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HD13	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG12	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG13	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG21	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG22	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:HG23	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:N	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:12:ILE:O	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:C	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CA	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CB	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:CG	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:H	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HA	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HB2	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:HB3	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:N	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:O	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:OD1	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:13:ASP:OD2	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:C	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CA	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CB	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CG1	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:CG2	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:H	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HA	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HB	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG11	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG12	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG13	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG21	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG22	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:HG23	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:N	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:14:VAL:O	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:C	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CA	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CB	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CD1	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CD2	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CE1	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CE2	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CG	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:CZ	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:H	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HA	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HB2	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HB3	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HD1	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HD2	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HE1	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HE2	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:HZ	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:N	9	5.65
(1,31)	1:C:105:ASN:HB3	2:B:15:PHE:O	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:C	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CA	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CB	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:H	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HA	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HB	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:N	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:O	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:2:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:C	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:H	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:N	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:O	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:3:GLU:OE2	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:C	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:H	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:N	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:O	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:5:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:C	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CA	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CB	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:H	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HA	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HB	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:N	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:O	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:6:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:C	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CA	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CB	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CE	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:CG	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:H	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HA	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HB2	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HB3	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE1	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE2	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HE3	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HG2	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:HG3	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:N	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:O	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:8:MET:SD	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:C	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:CA	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:H	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:HA2	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:HA3	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:N	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:9:GLY:O	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:C	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CA	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CB	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CD1	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CG1	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:CG2	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:H	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HA	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HB	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD11	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD12	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HD13	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG12	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG13	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG21	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG22	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:HG23	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:N	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:12:ILE:O	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:C	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CA	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CB	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:CG	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:H	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HA	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HB2	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:HB3	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:N	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:O	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:OD1	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:13:ASP:OD2	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:C	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CA	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CB	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CG1	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:CG2	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:H	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HA	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HB	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG11	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG12	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG13	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG21	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG22	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:HG23	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:N	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:14:VAL:O	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:C	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CA	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CB	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CD1	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CD2	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CE1	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CE2	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CG	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:CZ	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:H	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HA	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HB2	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HB3	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HD1	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HD2	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HE1	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HE2	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:HZ	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:N	9	5.65
(1,31)	1:C:105:ASN:HD21	2:B:15:PHE:O	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:C	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CA	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CB	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:H	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HA	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HB	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:N	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:O	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:2:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:C	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:H	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:N	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:O	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:3:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:C	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:H	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:N	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:O	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:5:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:C	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CA	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CB	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:CG2	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:H	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HA	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HB	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:N	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:O	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:6:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:C	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CA	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CB	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CE	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:CG	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:H	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HA	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HB2	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HB3	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE1	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE2	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HE3	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HG2	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:HG3	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:N	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:O	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:8:MET:SD	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:C	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:CA	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:H	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:HA2	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:HA3	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:N	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:9:GLY:O	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:C	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CA	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CB	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CD1	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CG1	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:CG2	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:H	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HA	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HB	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD11	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD12	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HD13	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG12	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG13	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG21	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG22	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:HG23	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:N	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:12:ILE:O	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:C	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CA	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CB	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:CG	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:H	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HA	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HB2	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:HB3	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:N	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:O	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:OD1	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:13:ASP:OD2	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:C	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CA	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CB	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CG1	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:CG2	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:H	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HA	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HB	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG11	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG12	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG13	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG21	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG22	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:HG23	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:N	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:14:VAL:O	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:C	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CA	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CB	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CD1	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CD2	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CE1	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CE2	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CG	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:CZ	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:H	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HA	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HB2	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HB3	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HD1	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HD2	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HE1	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HE2	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:HZ	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:N	9	5.65
(1,31)	1:C:105:ASN:HD22	2:B:15:PHE:O	9	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:C	9	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:CA	9	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:CB	9	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:H	9	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:HA	9	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:HB	9	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:N	9	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:O	9	5.65
(1,31)	1:C:105:ASN:N	2:B:2:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:C	9	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:H	9	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:HG3	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:3:GLU:N	9	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:O	9	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:N	2:B:3:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:C	9	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:H	9	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:N	9	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:O	9	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:N	2:B:5:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:C	9	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:CA	9	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:CB	9	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:H	9	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:HA	9	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:HB	9	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:N	9	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:O	9	5.65
(1,31)	1:C:105:ASN:N	2:B:6:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:C	9	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:CA	9	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:CB	9	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:CE	9	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:CG	9	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:H	9	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:HA	9	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:HB2	9	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:HB3	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE1	9	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE2	9	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:HE3	9	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:HG2	9	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:HG3	9	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:N	9	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:O	9	5.65
(1,31)	1:C:105:ASN:N	2:B:8:MET:SD	9	5.65
(1,31)	1:C:105:ASN:N	2:B:9:GLY:C	9	5.65
(1,31)	1:C:105:ASN:N	2:B:9:GLY:CA	9	5.65
(1,31)	1:C:105:ASN:N	2:B:9:GLY:H	9	5.65
(1,31)	1:C:105:ASN:N	2:B:9:GLY:HA2	9	5.65
(1,31)	1:C:105:ASN:N	2:B:9:GLY:HA3	9	5.65
(1,31)	1:C:105:ASN:N	2:B:9:GLY:N	9	5.65
(1,31)	1:C:105:ASN:N	2:B:9:GLY:O	9	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:C	9	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CA	9	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CB	9	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CD1	9	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CG1	9	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:CG2	9	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:H	9	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HA	9	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HB	9	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD11	9	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD12	9	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HD13	9	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG12	9	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG13	9	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG21	9	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG22	9	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:HG23	9	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:N	9	5.65
(1,31)	1:C:105:ASN:N	2:B:12:ILE:O	9	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:C	9	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CA	9	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CB	9	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:CG	9	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:H	9	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HA	9	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HB2	9	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:HB3	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:N	2:B:13:ASP:N	9	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:O	9	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:OD1	9	5.65
(1,31)	1:C:105:ASN:N	2:B:13:ASP:OD2	9	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:C	9	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CA	9	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CB	9	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CG1	9	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:CG2	9	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:H	9	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HA	9	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HB	9	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG11	9	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG12	9	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG13	9	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG21	9	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG22	9	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:HG23	9	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:N	9	5.65
(1,31)	1:C:105:ASN:N	2:B:14:VAL:O	9	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:C	9	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CA	9	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CB	9	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CD1	9	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CD2	9	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CE1	9	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CE2	9	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CG	9	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:CZ	9	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:H	9	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HA	9	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HB2	9	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HB3	9	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HD1	9	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HD2	9	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HE1	9	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HE2	9	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:HZ	9	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:N	9	5.65
(1,31)	1:C:105:ASN:N	2:B:15:PHE:O	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:C	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CA	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CB	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:H	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HA	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HB	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:N	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:O	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:2:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:C	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:H	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:N	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:O	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:3:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:C	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:H	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:N	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:O	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:5:GLU:OE2	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:C	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CA	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CB	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:H	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HA	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HB	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:N	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:O	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:6:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:C	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CA	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CB	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CE	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:CG	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:H	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HA	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HB2	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HB3	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE1	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE2	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HE3	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HG2	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:HG3	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:N	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:O	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:8:MET:SD	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:C	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:CA	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:H	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:HA2	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:HA3	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:N	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:9:GLY:O	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:C	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CA	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CB	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CD1	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CG1	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:CG2	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:H	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HA	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HB	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD11	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD12	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HD13	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG12	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG13	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG21	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG22	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:HG23	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:N	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:12:ILE:O	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:C	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CA	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CB	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:CG	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:H	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HA	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HB2	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:HB3	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:N	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:O	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:OD1	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:13:ASP:OD2	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:C	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CA	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CB	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CG1	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:CG2	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:H	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HA	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HB	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG11	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG12	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG13	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG21	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG22	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:HG23	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:N	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:ND2	2:B:14:VAL:O	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:C	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CA	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CB	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CD1	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CD2	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CE1	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CE2	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CG	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:CZ	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:H	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HA	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HB2	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HB3	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HD1	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HD2	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HE1	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HE2	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:HZ	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:N	9	5.65
(1,31)	1:C:105:ASN:ND2	2:B:15:PHE:O	9	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:C	9	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:CA	9	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:CB	9	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:H	9	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:HA	9	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:HB	9	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:N	9	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:O	9	5.65
(1,31)	1:C:105:ASN:O	2:B:2:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:C	9	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:H	9	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HA	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:N	9	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:O	9	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:O	2:B:3:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:C	9	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:H	9	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:N	9	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:O	9	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:O	2:B:5:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:C	9	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:CA	9	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:CB	9	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:H	9	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:HA	9	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:HB	9	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:N	9	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:O	9	5.65
(1,31)	1:C:105:ASN:O	2:B:6:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:C	9	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:CA	9	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:CB	9	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:CE	9	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:CG	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:8:MET:H	9	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:HA	9	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:HB2	9	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:HB3	9	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE1	9	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE2	9	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:HE3	9	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:HG2	9	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:HG3	9	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:N	9	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:O	9	5.65
(1,31)	1:C:105:ASN:O	2:B:8:MET:SD	9	5.65
(1,31)	1:C:105:ASN:O	2:B:9:GLY:C	9	5.65
(1,31)	1:C:105:ASN:O	2:B:9:GLY:CA	9	5.65
(1,31)	1:C:105:ASN:O	2:B:9:GLY:H	9	5.65
(1,31)	1:C:105:ASN:O	2:B:9:GLY:HA2	9	5.65
(1,31)	1:C:105:ASN:O	2:B:9:GLY:HA3	9	5.65
(1,31)	1:C:105:ASN:O	2:B:9:GLY:N	9	5.65
(1,31)	1:C:105:ASN:O	2:B:9:GLY:O	9	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:C	9	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CA	9	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CB	9	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CD1	9	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CG1	9	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:CG2	9	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:H	9	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HA	9	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HB	9	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD11	9	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD12	9	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HD13	9	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG12	9	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG13	9	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG21	9	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG22	9	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:HG23	9	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:N	9	5.65
(1,31)	1:C:105:ASN:O	2:B:12:ILE:O	9	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:C	9	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CA	9	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CB	9	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:CG	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:13:ASP:H	9	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HA	9	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HB2	9	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:HB3	9	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:N	9	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:O	9	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:OD1	9	5.65
(1,31)	1:C:105:ASN:O	2:B:13:ASP:OD2	9	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:C	9	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CA	9	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CB	9	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CG1	9	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:CG2	9	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:H	9	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HA	9	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HB	9	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG11	9	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG12	9	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG13	9	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG21	9	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG22	9	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:HG23	9	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:N	9	5.65
(1,31)	1:C:105:ASN:O	2:B:14:VAL:O	9	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:C	9	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CA	9	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CB	9	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CD1	9	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CD2	9	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CE1	9	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CE2	9	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CG	9	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:CZ	9	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:H	9	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HA	9	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HB2	9	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HB3	9	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HD1	9	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HD2	9	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HE1	9	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HE2	9	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:HZ	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:O	2:B:15:PHE:N	9	5.65
(1,31)	1:C:105:ASN:O	2:B:15:PHE:O	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:C	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CA	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CB	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:H	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HA	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HB	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:N	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:O	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:2:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:C	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:H	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:HG3	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:N	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:O	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:3:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:C	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CA	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CB	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CD	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:CG	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:H	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HA	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HB2	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HB3	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HG2	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:HG3	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:N	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:O	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:OE1	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:5:GLU:OE2	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:C	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CA	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CB	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:CG2	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:H	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HA	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HB	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG1	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG21	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG22	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:HG23	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:N	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:O	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:6:THR:OG1	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:C	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CA	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CB	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CE	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:CG	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:H	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HA	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HB2	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HB3	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE1	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE2	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HE3	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HG2	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:HG3	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:N	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:O	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:8:MET:SD	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:C	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:CA	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:H	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:HA2	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:HA3	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:N	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:9:GLY:O	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:C	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CA	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CB	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CD1	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CG1	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:CG2	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:H	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HA	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HB	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD11	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD12	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HD13	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG12	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG13	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG21	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG22	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:HG23	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:N	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:12:ILE:O	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:C	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CA	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CB	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:CG	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:H	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HA	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HB2	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:HB3	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:N	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:O	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:OD1	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:13:ASP:OD2	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:C	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CA	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CB	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CG1	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:CG2	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:H	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HA	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HB	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG11	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG12	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG13	9	5.65

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG21	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG22	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:HG23	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:N	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:14:VAL:O	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:C	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CA	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CB	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CD1	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CD2	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CE1	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CE2	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CG	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:CZ	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:H	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HA	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HB2	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HB3	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HD1	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HD2	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HE1	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HE2	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:HZ	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:N	9	5.65
(1,31)	1:C:105:ASN:OD1	2:B:15:PHE:O	9	5.65
(1,31)	1:C:105:ASN:C	2:B:2:THR:C	2	5.61

10 Dihedral-angle violation analysis (i)

No dihedral-angle restraints found